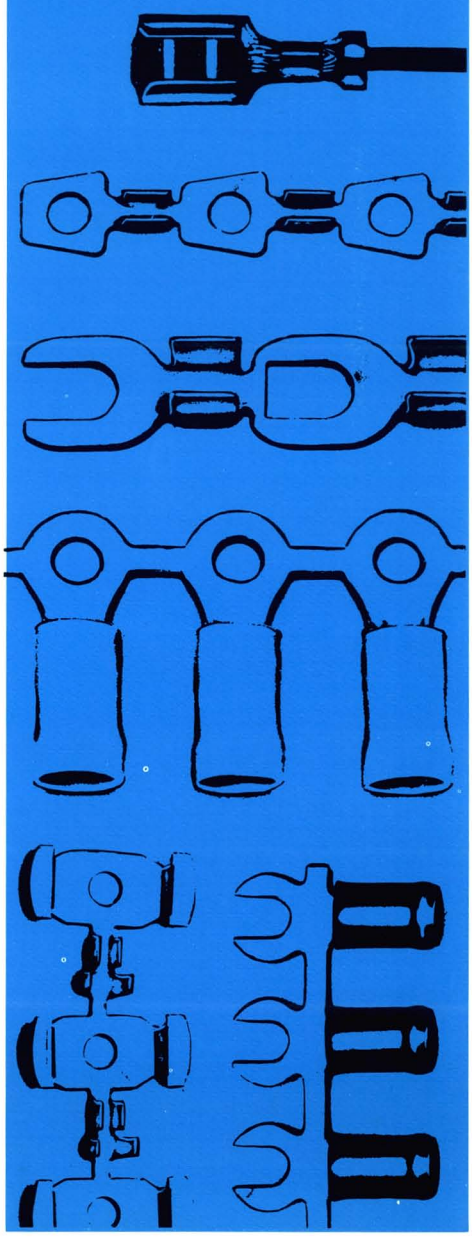
# 4

# TERMINALS & SPLICES FOR AUTOMATIC MACHINE APPLICATION

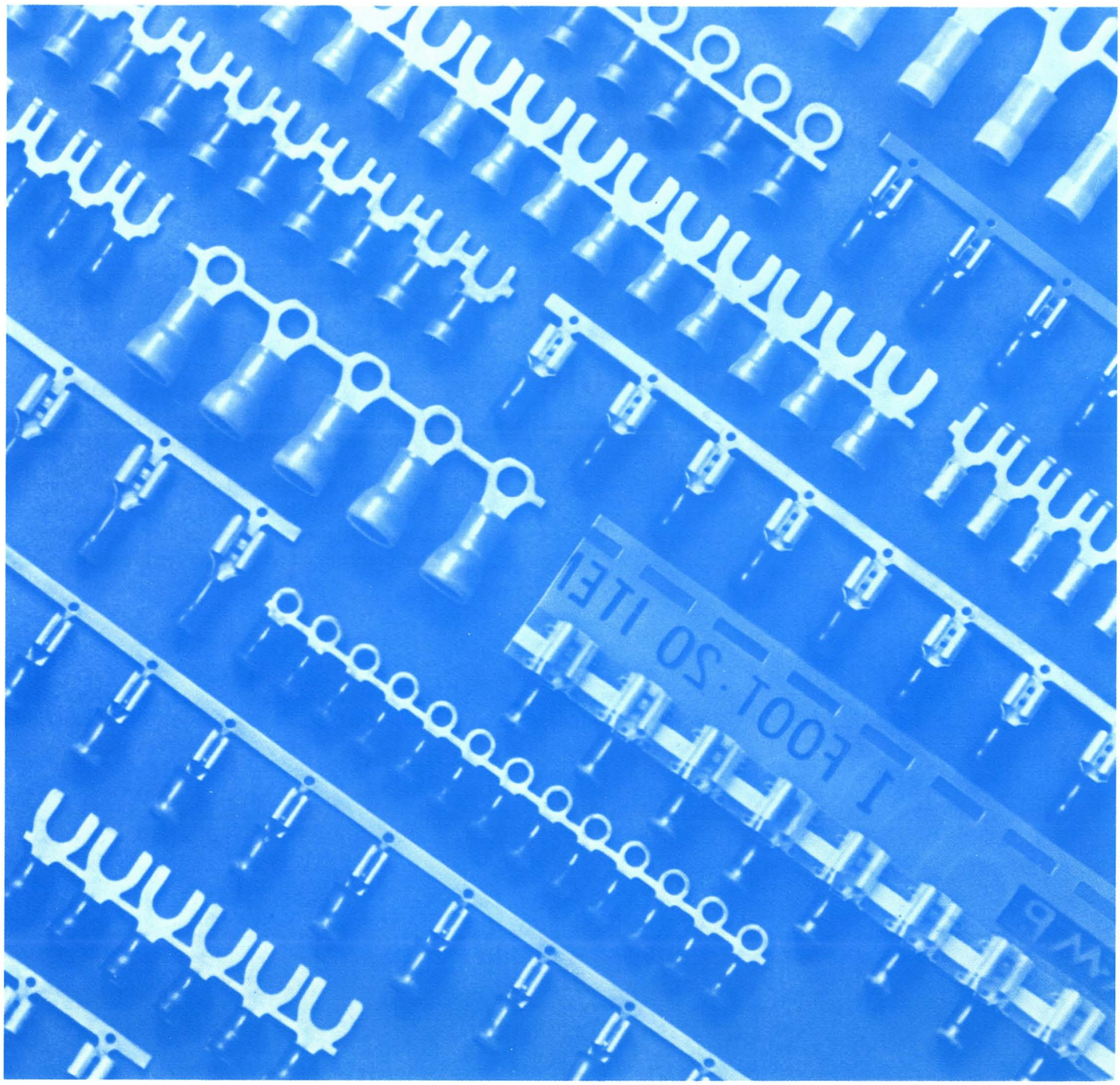
Precision formed terminals and splices in a variety of configurations to fit a wide range of solid and stranded wire sizes, supplied in strip form for automatic termination with AMP machines . . . engineered to match the device they apply.





# CLOSED BARREL TERMINALS

*applied with automatic machines*



4

# Explanatory note

This catalog contains a complete listing of A-MP★ closed barrel terminals designed for automachine application. It is designed to fit into any technical catalog library concerned with electrical circuits and their terminations.

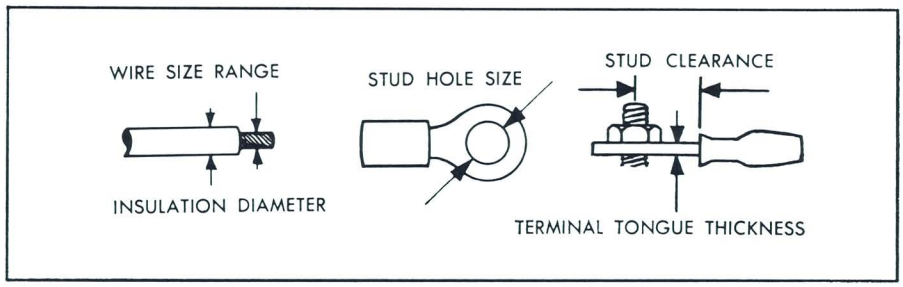
This volume has been designed for maximum ease in locating any item. The specification tables are by tongue style. Within each of these categories, the catalog is further subdivided by wire barrel type. A final division is by wire range.

If you require any terminal type not listed in this catalog, write AMP Incorporated with complete specifications. AMP manufactures terminals and 'splices' to meet every circuit termination requirement.

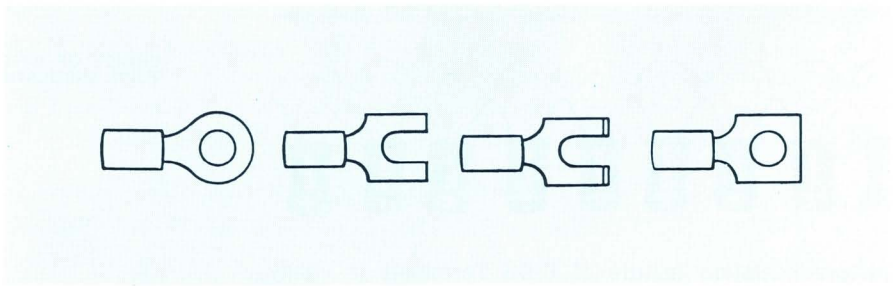
# Before you order

To help you choose the A-MP product best suited to your requirements, the following information about each item is included in the tabular data where applicable: wire size range, insulation diameter accommodation, stock thickness, type of metal and plating used, and physical measurements.

With your initial order of A-MP products for automachine application, please forward 50 feet of each type of wire you plan to use. If a wire sample is not available, a full description of your wire, including number of strands, individual strand size, and insulation diameter should be sent with your order.




AMP INCORPORATED has standardized its closed barrel line on the products listed in this catalog. However, to fit unusual applications, AMP has developed many special items through its Development Engineering Department and stands ready to design and produce any type to meet your requirements.

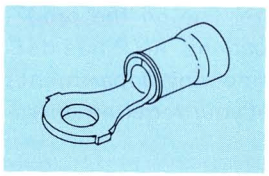


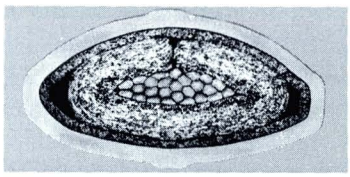
4

# Closed barrel terminals

## PIDG

**Pre-Insulated Diamond Grip Terminals**

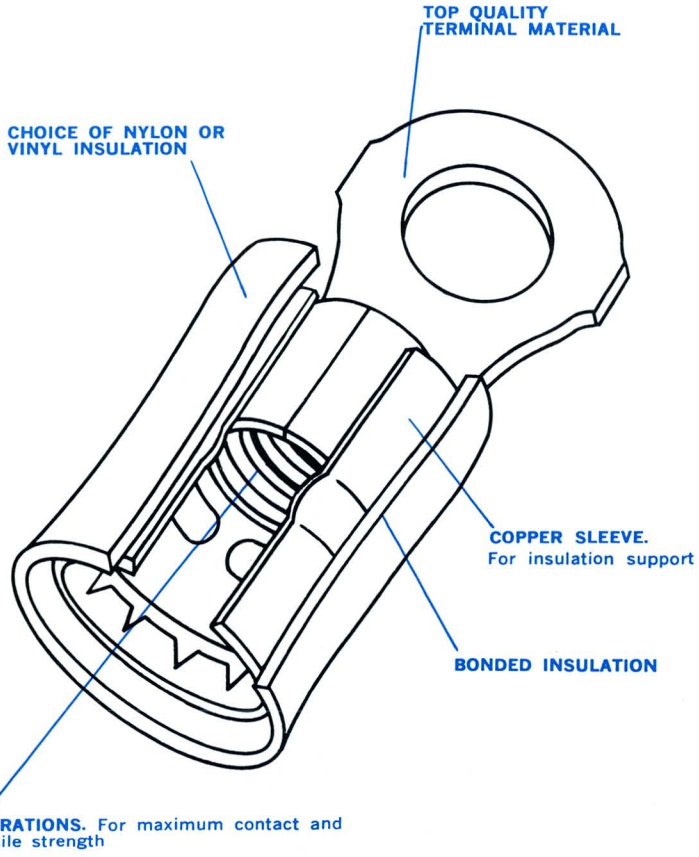




The pre-insulation feature of PIDG Terminals is vitally important in electrical/electronic manufacturing because it assures positive and complete insulation of the terminal barrel. Pre-insulation is accomplished by a sleeve of either high grade vinyl or nylon which is permanently bonded to the terminal barrel. Once crimped, the sleeve will not slip or peel and will maintain uniform thickness and dielectric strength.

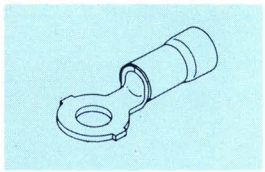
Another important feature of the PIDG Terminal is the additional copper sleeve between the barrel and the insulation sleeve. This affords fully circumferential support to the wire insulation, thereby enhancing the vibration resistance and tensile strength of the crimp itself.

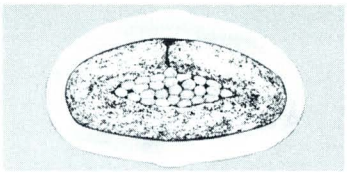
For optimum conductivity, only top quality copper/or brass is used. A carefully controlled electro-tinning process assures continued excellent conductivity by deterring corrosion.

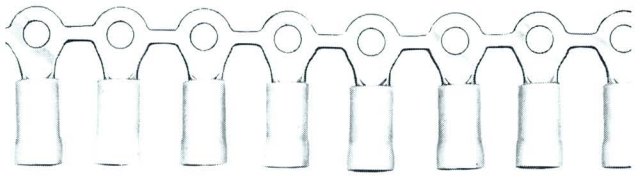


## PLASTI-GRIP

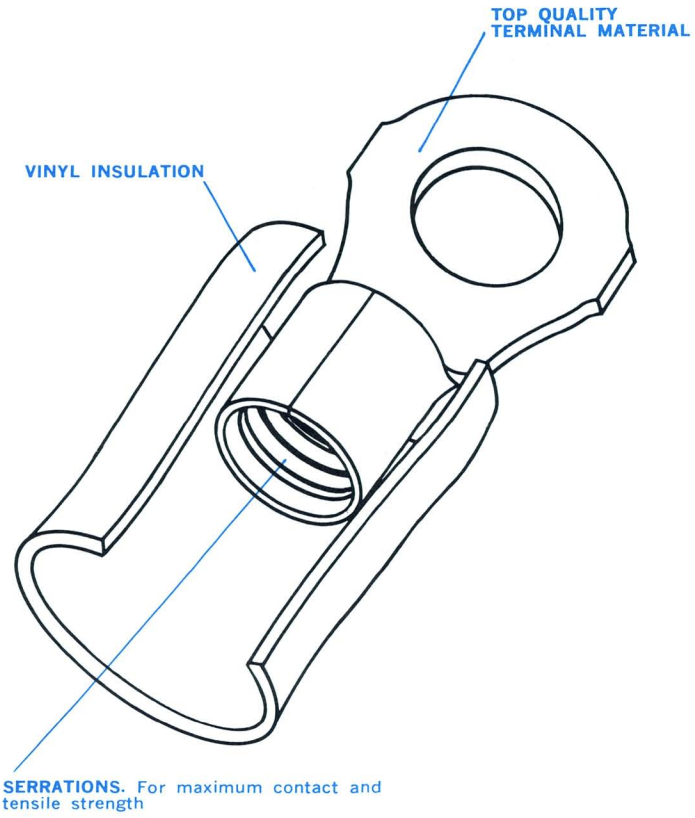
**Pre-Insulated Terminals**





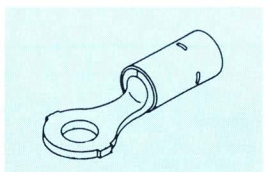


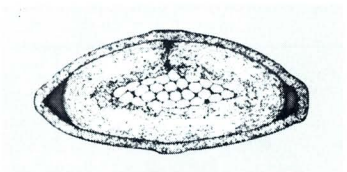
Plasti-Grip Terminals are unexcelled for applications requiring sound pre-insulation where heavy vibration is not a factor. These terminals offer all the features of the PIDG Terminal, above, without the additional metal sleeve for extra vibration resistance. Like the PIDG line, the finest electro-tinned copper and the finest vinyl insulation are used in the manufacture of Plasti-Grip Terminals.

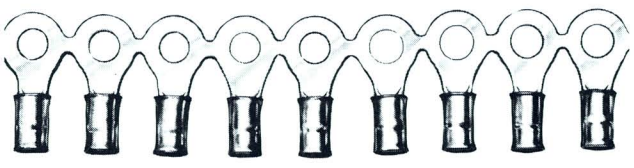



## DIAMOND GRIP

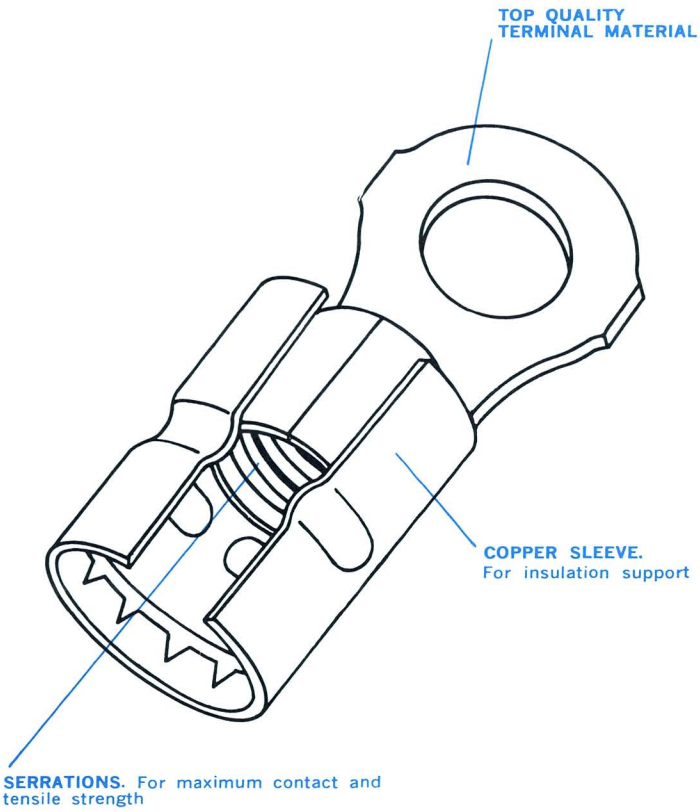
**Non-Insulated Terminals**







The Diamond Grip line was designed for applications where pre-insulation is not specified. It features all the other qualities of the PIDG line, however, including the additional support sleeve made with "V" notches to firmly lock the wire insulation in its grip.



4

# Application tooling

The A-MP closed barrel Terminals and the appropriate A-MP Automatic Machine have been designed as a team to give you continuous production of high volume and uniform quality finished attachments at lowest installed cost.

A-MP tooling has been designed for the utmost simplicity of operation and maintenance. They have been human engineered—that is, they have been designed with operator comfort and skills in mind. A-MP Automatic machines and hand tools are safe to operate, accurate, and require a minimum of regular maintenance.

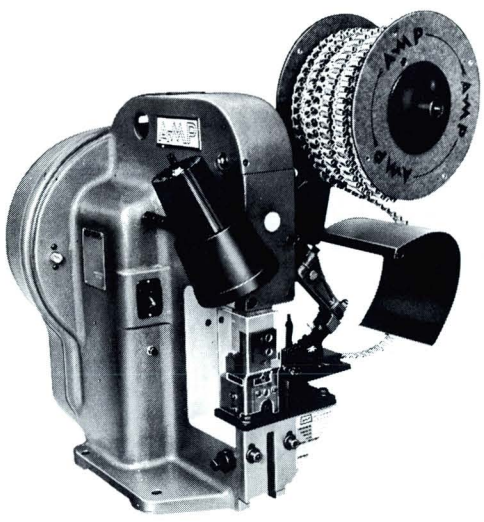
## AMP-O-LECTRIC Automatic Machine

Impressive production rates are achieved daily in plants throughout the free world with the AMP-O-LECTRIC Machine. This automatic machine has been designed to function with AMP's full line of terminals as a team to give you smooth day-in day-out service. Aside from imparting the highest reliability to wire terminations, the AMP-O-LECTRIC Machine assures the lowest total installed cost per termination.

Note also that, because there are a minimum of moving parts and because the actual crimping cycle is wholly automatic, operator skill consists simply of inserting the wire ends into the die area. The machine is actuated by a foot pedal or an electric switch in the crimping area which is tripped by the insertion of the wire end. The dies can be changed from one terminal type to another, with simple adjustments, in a few minutes.

The AMP-O-LECTRIC Machine is electrically powered and bench mounted, and, consequently, can be readily moved to any location where an electric power supply is available.

For highest application rates, for greatest ease of maintenance and servicing and for highest reliability at lowest unit cost, the AMP-O-LECTRIC Machine has proven itself to be an excellent addition to any circuit production operation.



**SPECIFICATIONS**

| | |
|---|---|
| **Weight** | **272 lbs.** |
| **Height** | **28 inches** |
| **Width** | **22 inches** |
| **Depth** | **22 inches** |

**Power Required: 110V, single phase, 60 cycles.**

# versatile tooling for PIDG FASTON* terminals

In addition to the AMP-O-LECTRIC Automatic Machine, AMP provides a selection of hand and pneumatic tools for loose piece applications and AMP-TAPEMATIC machines for tape-mounted terminals.

## A-MP CERTI-CRIMP* Hand Tools

LONG HANDLE TOOL

HEAVY HEAD TOOL

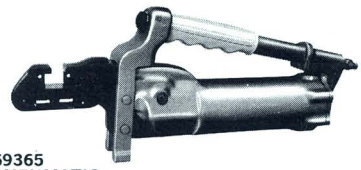
| | WIRE RANGE | TOOL NO. |
|---|---|---|
| "110" SERIES PIDG FASTON TERMINALS. | 22-18 | 90185-1 |
| | 16-14 | 90009-9 |
| "187", "205" "250" SERIES PIDG FASTON TERMINALS. | 22-18 | 90035-3 |
| | 16-14 | 90009-8 |

| | WIRE RANGE | TOOL NO. |
|---|---|---|
| "250" SERIES PIDG FASTON TERMINALS. | 14-12 | 90246-1 |
| | 12-10 | 90276-1 |

## A-MP Pneumatic Tools

**69010****
**69005***
**PNEUMATIC HAND TOOL MAY BE BENCH MOUNTED**

**69011**
**AMPLI-PRESS BENCH-MOUNTED PRESS MANUAL-FOOT OPERATED**



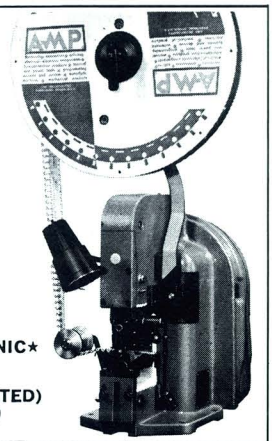
**69365**
**PNEUMATIC HAND TOOL**

| | WIRE RANGE | HEAD ASS'Y. | WIRE RANGE | HEAD ASS'Y. | REMARKS | WIRE RANCE | DIE ASS'Y. NO. |
|---|---|---|---|---|---|---|---|
| "110" SERIES PIDG FASTON TERMINALS. | 22-18 | NONE | 22-18 | NONE | | 22-18 | NONE |
| | 16-14 | NONE | 16-14 | NONE | | 16-14 | 90074-2 |
| "187", "205" & "250" SERIES PIDG FASTON TERMINALS. | 22-18 | 90149-2 * | 22-18 | 90149-2 | TOGGLE MUST BE REVERSED | 22-18 | NONE |
| | 16-14 | 90059-2 * | 16-14 | 90059-2 | | 16-14 | 90074-2 |
| | 14-12 | 90245-1** | 14-12 | 90183-1 | | 14-12 | 90183-1 |

## AMP-TAPEMATIC TOOLS

**68075**
**AMP-TAPEMATIC ALL-ELECTRIC MACHINE (BENCH-MOUNTED) (SEE NOTE #2)**

**69359-2**
**PNEUMATIC BENCH TOOL (SEE NOTE #1)**



**69875**
**AMP-TAPETRONIC* ALL-ELECTRIC MACHINE (BENCH-MOUNTED) (SEE NOTE #2)**

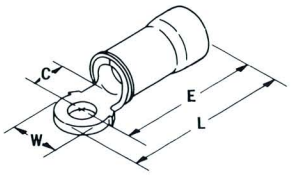
| | WIRE RANGE | TAPE DIE ASS'Y. | WIRE RANGE | TAPE DIE ASS'Y. | WIRE RANGE | TAPE DIE ASS'Y. |
|---|---|---|---|---|---|---|
| "110" SERIES PIDG FASTON TERMINALS. | 22-18 | 90201-1 | 22-18 | 90201-1 | 22-18 | 90248-2 |
| | 16-14 | 90196-3 | 16-14 | 90196-3 | 16-14 | 90241-3 |
| "187", "205" "250" SERIES PIDG FASTON TERMINALS. | 22-18 | 90070-3 | 22-18 | 90070-3 | 22-18 | 90239-3 |
| | 16-14 | 90196-3 | 16-14 | 90196-3 | 16-14 | 90241-3 |
| | 14-12 | 90220-1 | 14-12 | 90220-1 | 14-12 | 90240-2 |
| | | | | | 12-10 | 90280-1 |

1. SUFFIX TERMINAL PART NUMBER (LT) FOR BOX TYPE PACKAGING.
2. SUFFIX TERMINAL PART NUMBER (RT) FOR REEL TYPE PACKAGING.

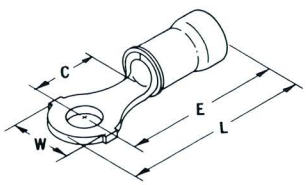
For your exact tooling requirements it is recommended that you contact AMP Incorporated.

# PIDG Terminals

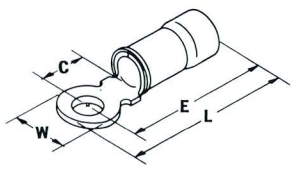
## 22-16 WIRE RANGE (VINYL Insulation)




A




B




C

| CATALOG NUMBER | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|---|
| 41905 | A | Red | .125 | 2 | .031 | Tin Plated Copper | .218 | .675 | .560 | .135 |
| 41256 | A | Red | .125 | 4 | .031 | Tin Plated Copper | .281 | .800 | .655 | .230 |
| 41548 | A | Red | .125 | 4 | .031 | Tin Plated Copper | .218 | .675 | .560 | .135 |
| 40935 | A | Red | .125 | .128 dia. | .031 | Tin Plated Copper | .218 | .675 | .560 | .135 |
| 41038 | B | Red | .125 | 6 | .031 | Tin Plated Copper | .281 | .800 | .655 | .230 |
| 41098 | A | Red | .125 | 6 | .031 | Tin Plated Copper | .281 | .800 | .655 | .230 |
| 41101 | A | Red | .125 | 6 | .031 | Tin Plated Copper | .312 | .845 | .680 | .255 |
| 41170 | A | Red | .125 | 6 | .031 | Tin Plated Copper | .218 | .675 | .560 | .135 |
| 41951 | A | Red | .125 | 6 | .031 | Tin Plated Copper | .280 | .795 | .650 | .225 |
| 60614-1 | A | Red | .125 | 6 | .030 | Tin Plated Brass | .312 | .845 | .680 | .225 |
| 41099 | A | Red | .125 | 8 | .031 | Tin Plated Copper | .281 | .800 | .655 | .230 |
| 41102 | A | Red | .125 | 8 | .031 | Tin Plated Copper | .312 | .845 | .680 | .255 |
| 41952 | A | Red | .125 | 8 | .031 | Tin Plated Copper | .280 | .795 | .650 | .225 |
| 41100 | A | Red | .125 | 10 | .031 | Tin Plated Copper | .281 | .800 | .655 | .230 |
| 41103 | A | Red | .125 | 10 | .031 | Tin Plated Copper | .312 | .845 | .680 | .255 |
| 41953 | A | Red | .125 | 10 | .031 | Tin Plated Copper | .280 | .795 | .650 | .255 |
| 41549 | A | Red | .135 | 4 | .031 | Tin Plated Copper | .218 | .675 | .560 | .135 |
| 41175 | A | Red | .135 | 6 | .031 | Tin Plated Copper | .281 | .800 | .655 | .230 |
| 41181 | A | Red | .135 | 6 | .031 | Tin Plated Copper | .218 | .675 | .560 | .135 |
| 41736 | C | Red | .135 | 6 | .031 | Tin Plated Copper | .312 | .835 | .670 | .245 |
| 42035-1 | A | Red | .135 | 6 | .031 | Tin Plated Copper | .280 | .795 | .650 | .225 |
| 41176 | A | Red | .135 | 8 | .031 | Tin Plated Copper | .281 | .800 | .655 | .230 |
| 41183 | A | Red | .135 | 8 | .031 | Tin Plated Copper | .312 | .845 | .680 | .255 |
| 41737 | C | Red | .135 | 8 | .031 | Tin Plated Copper | .312 | .835 | .670 | .245 |
| 42035-2 | A | Red | .135 | 8 | .031 | Tin Plated Copper | .280 | .795 | .650 | .225 |
| 41177 | A | Red | .135 | 10 | .031 | Tin Plated Copper | .281 | .800 | .655 | .230 |
| 41184 | A | Red | .135 | 10 | .031 | Tin Plated Copper | .312 | .845 | .680 | .255 |
| 41738 | C | Red | .135 | 10 | .031 | Tin Plated Copper | .312 | .835 | .680 | .245 |
| 42035-3 | A | Red | .135 | 10 | .031 | Tin Plated Copper | .280 | .795 | .650 | .225 |
| 41185 | A | Red | .135 | 12 | .031 | Tin Plated Copper | .312 | .845 | .680 | .255 |
| 41178 | A | Red | .135 | ¼ | .031 | Tin Plated Copper | .468 | 1.080 | .835 | .410 |
| 42666-1 | A | Red | .145 | 10 | .031 | Tin Plated Copper | .312 | .845 | .680 | .255 |

## 16-14 WIRE RANGE (VINYL Insulation)

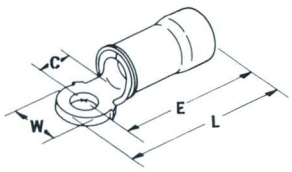
| CATALOG NUMBER | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|---|
| 40590 | C | Blue | .150 | 6 | .031 | Tin Plated Copper | .312 | .800 | .645 | .225 |
| 40830 | C | Blue | .150 | 6 | .031 | Tin Plated Copper | .280 | .795 | .645 | .225 |
| 41314 | A | Blue | .150 | 6 | .031 | Tin Plated Copper | .250 | .700 | .570 | .145 |
| 41105 | B | Blue | .150 | 6 | .031 | Tin Plated Copper | .343 | .860 | .680 | .260 |
| 40591 | C | Blue | .150 | 8 | .031 | Tin Plated Copper | .312 | .800 | .645 | .225 |
| 40831 | C | Blue | .150 | 8 | .031 | Tin Plated Copper | .280 | .795 | .645 | .225 |
| 40834 | C | Blue | .150 | 8 | .031 | Tin Plated Copper | .312 | .830 | .665 | .245 |
| 41106 | B | Blue | .150 | 8 | .031 | Tin Plated Copper | .343 | .860 | .680 | .260 |
| 40592 | C | Blue | .150 | 10 | .031 | Tin Plated Copper | .312 | .800 | .645 | .225 |
| 40835 | C | Blue | .150 | 10 | .031 | Tin Plated Copper | .312 | .830 | .665 | .245 |
| 41107 | B | Blue | .150 | 10 | .031 | Tin Plated Copper | .343 | .860 | .680 | .260 |
| 41701 | A | Blue | .150 | ¼ | .031 | Tin Plated Copper | .468 | 1.080 | .835 | .410 |
| 60137-1 | B | Blue | .155 | 10 | .031 | Tin Plated Copper | .343 | .850 | .670 | .260 |
| 41012 | A | Blue | .160 | .129 dia. | .031 | Tin Plated Copper | .250 | .700 | .570 | .145 |

RING TONGUE (cont'd)

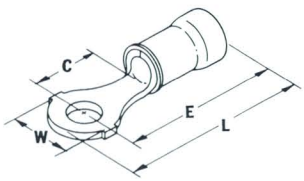
# PIDG terminals

## 16-14 WIRE RANGE (Cont'd) (VINYL Insulation)

| CATALOG NUMBER | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|---|
| 41166 | A | Blue | .160 | 6 | .031 | Tin Plated Copper | .250 | .700 | .570 | .145 |
| 41187 | B | Blue | .160 | 6 | .031 | Tin Plated Copper | .343 | .860 | .680 | .260 |
| 41190 | C | Blue | .160 | 6 | .031 | Tin Plated Copper | .280 | .795 | .645 | .225 |
| 41188 | B | Blue | .160 | 8 | .031 | Tin Plated Copper | .343 | .860 | .600 | .260 |
| 41191 | C | Blue | .160 | 8 | .031 | Tin Plated Copper | .280 | .795 | .645 | .225 |
| 41280 | C | Blue | .160 | 8 | .031 | Tin Plated Copper | .312 | .830 | .665 | .245 |
| 41189 | B | Blue | .160 | 10 | .031 | Tin Plated Copper | .343 | .860 | .680 | .260 |
| 41281 | C | Blue | .160 | 10 | .031 | Tin Plated Copper | .312 | .830 | .665 | .245 |
| 42203-1 | B | Blue | .170 | 8 | .031 | Tin Plated Copper | .343 | .860 | .680 | .260 |
| 42203-2 | B | Blue | .170 | 10 | .031 | Tin Plated Copper | .343 | .860 | .680 | .260 |
| 41966 | B | Blue | .170 | ¼ | .031 | Tin Plated Copper | .468 | 1.080 | .835 | .410 |
| 60074-1 | A | Blue | .190 | ¼ | .031 | Tin Plated Copper | .468 | 1.070 | .825 | .410 |
| 40713 | B | Yellow | .235 | 6 | .050 | Tin Plated Copper | .342 | 1.040 | .870 | .255 |
| 40714 | B | Yellow | .235 | 8 | .050 | Tin Plated Copper | .342 | 1.040 | .870 | .255 |
| 40715 | B | Yellow | .235 | 10 | .050 | Tin Plated Copper | .343 | 1.040 | .870 | .255 |
| 40708 | B | Yellow | .235 | 10 | .050 | Tin Plated Copper | .500 | 1.160 | .925 | .310 |
| 40683 | B | Yellow | .235 | ¼ | .050 | Tin Plated Copper | .500 | 1.160 | .925 | .310 |
| 40872 | B | Yellow | .275 | 10 | .050 | Tin Plated Copper | .342 | 1.060 | .890 | .255 |



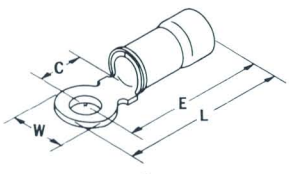

A



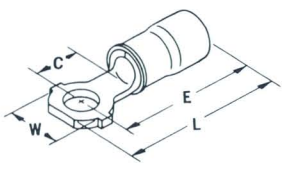

B

## 12-10 WIRE RANGE (VINYL Insulation)

| CATALOG NUMBER | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|---|
| 41050 | B | Yellow | .235 | 6 | .040 | Tin Plated Copper | .375 | 1.060 | .880 | .270 |
| 41095 | D | Yellow | .235 | 6 | .040 | Tin Plated Copper | .342 | 1.030 | .870 | .255 |
| 41051 | B | Yellow | .235 | 8 | .040 | Tin Plated Copper | .375 | 1.060 | .880 | .270 |
| 41096 | D | Yellow | .235 | 8 | .040 | Tin Plated Copper | .342 | 1.030 | .870 | .255 |
| 41052 | B | Yellow | .235 | 10 | .040 | Tin Plated Copper | .375 | 1.060 | .880 | .270 |
| 41097 | D | Yellow | .235 | 10 | .040 | Tin Plated Copper | .342 | 1.030 | .870 | .255 |
| 60795-1 | D | Yellow | .240 | ¼ | .040 | Tin Plated Copper | .530 | 1.315 | 1.035 | .430 |
| 60076-1 | D | Yellow | .275 | 10 | .040 | Tin Plated Copper | .342 | 1.050 | .890 | .255 |
| 60814-1 | D | Yellow | .275 | ¼ | .040 | Tin Plated Copper | .531 | 1.335 | 1.055 | .430 |
| 60830-1 | D | Yellow | .275 | ⅜ | .040 | Tin Plated Copper | .531 | 1.335 | 1.055 | .430 |



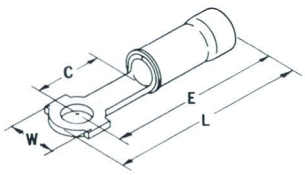

C




D

## 24-20 WIRE RANGE (NYLON Insulation)

| CATALOG NUMBER | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|---|
| 42826-1 | E | Trans. | .100 | 4 | .023 | Tin Plated Copper | .180 | .745 | .635 | .230 |
| 42501-1 | A | Trans. | .100 | 6 | .023 | Tin Plated Copper | .312 | .830 | .665 | .260 |
| 42502-1 | A | Trans. | .100 | 8 | .023 | Tin Plated Copper | .312 | .830 | .665 | .260 |




E

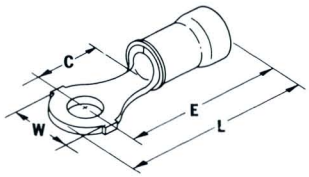
## 22-16 WIRE RANGE (NYLON Insulation)

| CATALOG NUMBER | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|---|
| 42059-0 | A | Red | .125 | 4 | .031 | Tin Plated Copper | .280 | .795 | .645 | .225 |
| 41784 | A | Red | .125 | 6 | .031 | Tin Plated Copper | .281 | .800 | .650 | .230 |
| 42059-1 | A | Red | .125 | 6 | .031 | Tin Plated Copper | .280 | .795 | .645 | .225 |
| 41787 | A | Red | .125 | 6 | .031 | Tin Plated Copper | .312 | .845 | .680 | .255 |
| 42059-2 | A | Red | .125 | 8 | .031 | Tin Plated Copper | .312 | .845 | .680 | .255 |
| 41788 | A | Red | .125 | 8 | .031 | Tin Plated Copper | .312 | .845 | .680 | .255 |
| 41789 | A | Red | .125 | 10 | .031 | Tin Plated Copper | .312 | .845 | .680 | .255 |
| 42059-3 | A | Red | .125 | 10 | .031 | Tin Plated Copper | .312 | .845 | .680 | .255 |

# PIDG Terminals

## 16-14 WIRE RANGE (NYLON Insulation)

| CATALOG NUMBER | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|---|
| 41791 | B | Blue | .150 | 6 | .031 | Tin Plated Copper | .343 | .860 | .680 | .260 |
| 41792 | B | Blue | .150 | 8 | .031 | Tin Plated Copper | .343 | .860 | .680 | .260 |
| 41793 | B | Blue | .150 | 10 | .031 | Tin Plated Copper | .343 | .860 | .680 | .290 |




B

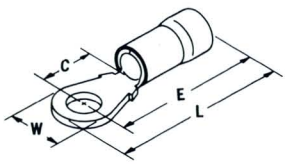
## 12-10 WIRE RANGE (NYLON Insulation)

| CATALOG NUMBER | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|---|
| 42016 | B | Yellow | .150/.220 | 6 | .040 | Tin Plated Copper | .375 | 1.060 | .880 | .270 |
| 41827 | B | Yellow | .150/.220 | 10 | .040 | Tin Plated Copper | .375 | 1.060 | .880 | .270 |

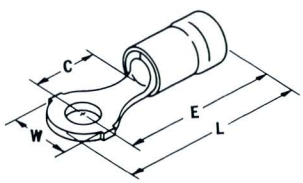
# PLASTI-GRIP terminals

## 22-16 WIRE RANGE (VINYL Insulation)

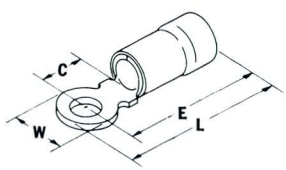
| CATALOG NUMBER | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|---|
| 60309-1 | A | Red | .140 | 10 | .031 | Tin Plated Copper | .312 | .835 | .670 | .255 |
| 42032-8 | A | Red | .145 | .103 dia. | .031 | Tin Plated Copper | .218 | .665 | .550 | .135 |
| 42032-1 | A | Red | .145 | 4 | .031 | Tin Plated Copper | .218 | .665 | .550 | .135 |
| 42032-2 | A | Red | .145 | .128 dia. | .031 | Tin Plated Copper | .218 | .665 | .550 | .135 |
| 41359 | A | Red | .145 | 6 | .031 | Tin Plated Copper | .281 | .790 | .645 | .230 |
| 41990 | B | Red | .145 | 6 | .031 | Tin Plated Copper | .281 | .790 | .645 | .230 |
| 42032-3 | A | Red | .145 | 6 | .031 | Tin Plated Copper | .218 | .665 | .550 | .135 |
| 41360 | A | Red | .145 | 8 | .031 | Tin Plated Copper | .281 | .790 | .645 | .230 |
| 42528-1 | B | Red | .145 | 8 | .031 | Tin Plated Copper | .281 | .790 | .645 | .230 |
| 60341-1 | C | Red | .145 | 8 | .031 | Tin Plated Copper | .312 | .825 | .660 | .245 |
| 41361 | A | Red | .145 | 10 | .031 | Tin Plated Copper | .281 | .790 | .645 | .230 |
| 41921 | C | Red | .145 | 10 | .031 | Tin Plated Copper | .312 | .825 | .660 | .245 |
| 60371-1 | B | Red | .145 | .228 dia. | .031 | Tin Plated Copper | .313 | .830 | .665 | .190 |
| 41932 | D | Red | .145 | 14 | .031 | Tin Plated Copper | .469 | .930 | .690 | .275 |
| 42537-1 | A | Red | .145 | .362 dia. | .031 | Tin Plated Copper | .468 | 1.070 | .825 | .410 |
| 42537-2 | A | White | .145 | .362 dia. | .031 | Tin Plated Copper | .468 | 1.070 | .825 | .410 |




A



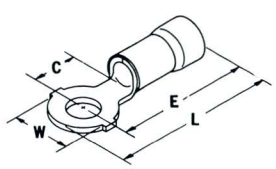

B



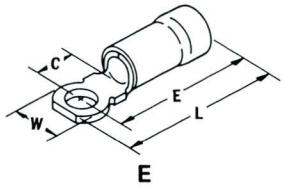

C

## 16-14 WIRE RANGE (VINYL Insulation)

| CATALOG NUMBER | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|---|
| 40742 | E | Blue | .170 | 6 | .031 | Tin Plated Copper | .312 | .790 | .640 | .225 |
| 40846 | C | Blue | .170 | 6 | .031 | Tin Plated Copper | .280 | .785 | .640 | .225 |
| 41513 | B | Blue | .170 | 6 | .031 | Tin Plated Copper | .343 | .850 | .675 | .260 |
| 40743 | E | Blue | .170 | 8 | .031 | Tin Plated Copper | .312 | .790 | .640 | .225 |
| 40847 | C | Blue | .170 | 8 | .031 | Tin Plated Copper | .280 | .785 | .640 | .225 |
| 40850 | C | Blue | .170 | 8 | .031 | Tin Plated Copper | .312 | .820 | .660 | .245 |
| 41514 | B | Blue | .170 | 8 | .031 | Tin Plated Copper | .343 | .850 | .675 | .260 |
| 61000-1 | C | Blue | .170 | 8 | .031 | Tin Plated Copper | .312 | .885 | .715 | .245 |
| 40744 | E | Blue | .170 | 10 | .031 | Tin Plated Copper | .312 | .790 | .640 | .225 |
| 40851 | C | Blue | .170 | 10 | .031 | Tin Plated Copper | .312 | .820 | .660 | .245 |
| 41515 | B | Blue | .170 | 10 | .031 | Tin Plated Copper | .343 | .850 | .675 | .260 |
| 61000-2 | C | Blue | .170 | 10 | .031 | Tin Plated Copper | .312 | .885 | .715 | .245 |
| 41935 | B | Blue | .170 | 12 | .031 | Tin Plated Copper | .343 | .850 | .675 | .260 |
| 60684-1 | C | Blue | .170 | .228 dia. | .031 | Tin Plated Copper | .312 | .820 | .655 | .245 |
| 41922 | A | Blue | .170 | ¼ | .031 | Tin Plated Copper | .468 | 1.070 | .825 | .410 |



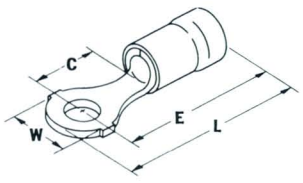

D




E

# PLASTI-GRIP Terminals

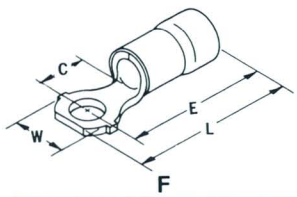
## 16-14 WIRE RANGE (Cont'd) (VINYL Insulation)



B

| CATALOG NUMBER | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|---|
| 42125-1 | B | Yellow | .230 | 6 | .050 | Tin Plated Copper | .342 | 1.045 | .875 | .225 |
| 42125-2 | B | Yellow | .230 | 8 | .050 | Tin Plated Copper | .342 | 1.045 | .875 | .225 |
| 42125-3 | B | Yellow | .230 | 10 | .050 | Tin Plated Copper | .342 | 1.045 | .875 | .225 |

## 12-10 WIRE RANGE (VINYL Insulation)

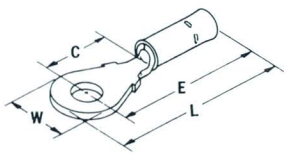


F

| CATALOG NUMBER | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|---|
| 42120-1 | B | Yellow | .230 | 6 | .040 | Tin Plated Copper | .375 | 1.045 | .885 | .270 |
| 42120-2 | B | Yellow | .230 | 8 | .040 | Tin Plated Copper | .375 | 1.065 | .885 | .270 |
| 42120-3 | B | Yellow | .230 | 10 | .040 | Tin Plated Copper | .375 | 1.065 | .885 | .270 |
| 42127-1 | F | Yellow | .262 | 6 | .040 | Tin Plated Copper | .342 | 1.035 | .875 | .255 |
| 42127-2 | F | Yellow | .262 | 8 | .040 | Tin Plated Copper | .342 | 1.035 | .875 | .255 |
| 42127-3 | F | Yellow | .262 | 10 | .040 | Tin Plated Copper | .342 | 1.035 | .875 | .255 |
| 42304-1 | B | Yellow | .262 | 10 | .040 | Tin Plated Copper | .375 | 1.065 | .885 | .270 |
| 60919-1 | F | Yellow | .310 | 10 | .040 | Tin Plated Copper | .342 | 1.035 | .875 | .255 |

# DIAMOND-GRIP Terminals

## 24-20 WIRE RANGE (Non-Insulated)



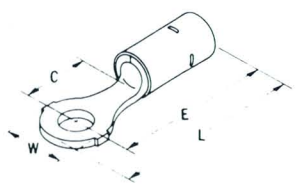
A

| CATALOG NUMBER | TYPE | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|
| 42815-1 | A | .100 | 8 | .023 | Tin Plated Copper | .312 | .770 | .605 | .260 |

## 22-16 WIRE RANGE (Non-Insulated)

| CATALOG NUMBER | TYPE | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|
| 41164 | A | .125 | 6 | .031 | Tin Plated Copper | .218 | .615 | .500 | .135 |
| 41447 | A | .125 | 6 | .031 | Tin Plated Copper | .281 | .740 | .590 | .230 |
| 41448 | A | .125 | 8 | .031 | Tin Plated Copper | .281 | .740 | .590 | .230 |
| 41310 | A | .125 | 10 | .031 | Tin Plated Copper | .281 | .740 | .590 | .230 |
| 41019 | A | .125 | .317 dia. | .031 | Tin Plated Copper | .468 | 1.020 | .775 | .410 |
| 41250 | A | .135 | 6 | .031 | Tin Plated Copper | .218 | .615 | .500 | .135 |
| 42034-1 | A | .135 | 6 | .031 | Tin Plated Copper | .280 | .735 | .585 | .225 |
| 42034-2 | A | .135 | 8 | .031 | Tin Plated Copper | .280 | .735 | .585 | .225 |
| 42034-3 | A | .135 | 10 | .031 | Tin Plated Copper | .280 | .735 | .585 | .225 |

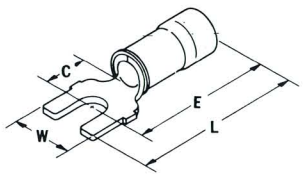
## 16-14 WIRE RANGE (Non-Insulated)



B

| CATALOG NUMBER | TYPE | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|
| 60264-1 | B | .235 | 10 | .050 | Tin Plated Copper | .342 | .970 | .800 | .255 |

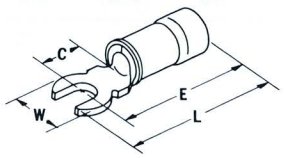
# PIDG Terminals



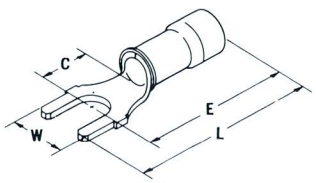
A

## 22-16 WIRE RANGE (VINYL Insulation)

| CATALOG NUMBER | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|---|
| 41186 | A | Red | .125 | 6 | .031 | Tin Plated Copper | .286 | .780 | .635 | .210 |
| 40956 | A | Red | .135 | 6 | .031 | Tin Plated Copper | .286 | .780 | .635 | .210 |
| 41526 | B | Red | .135 | 6 | .031 | Tin Plated Copper | .312 | .805 | .670 | .245 |
| 60199-1 | A | Red | .135 | 6 | .031 | Tin Plated Copper | .255 | .775 | .635 | .210 |
| 41739 | B | Red | .135 | 8 | .031 | Tin Plated Copper | .312 | .805 | .670 | .245 |
| 42811-1 | A | Red | .135 | 8 | .031 | Tin Plated Copper | .286 | .780 | .615 | .190 |
| 41740 | B | Red | .135 | 10 | .031 | Tin Plated Copper | .312 | .805 | .670 | .245 |
| 42610-1 | B | Red | .145 | 6 | .031 | Tin Plated Copper | .312 | .805 | .670 | .245 |



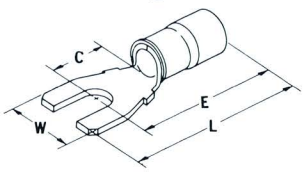
B



C

## 16-14 WIRE RANGE (VINYL Insulation)

| CATALOG NUMBER | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|---|
| 40832 | B | Blue | .150 | 6 | .031 | Tin Plated Copper | .280 | .755 | .645 | .225 |
| 40837 | B | Blue | .150 | 10 | .031 | Tin Plated Copper | .312 | .795 | .665 | .245 |
| 60138-1 | D | Yellow | .160 | 8 | .031 | Tin Plated Copper | .390 | .870 | .680 | .265 |
| 60139-1 | D | Blue | .160 | 10 | .031 | Tin Plated Copper | .390 | .870 | .680 | .265 |



D

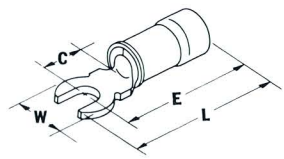
## 12-10 WIRE RANGE (VINYL Insulation)

| CATALOG NUMBER | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|---|
| 60078-1 | C | Yellow | .275 | 10 | .040 | Tin Plated Copper | .406 | 1.320 | 1.040 | .415 |

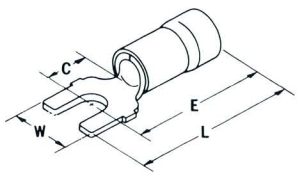
# PLASTI-GRIP Terminals

## 22-16 WIRE RANGE (VINYL Insulation)

| CATALOG NUMBER | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|---|
| 60962-1 | A | Red | .145 | 4 | .031 | Tin Plated Copper | .218 | .665 | .550 | .135 |
| 41920 | A | Red | .145 | 6 | .031 | Tin Plated Copper | .312 | .795 | .660 | .245 |
| 41542 | B | Red | .145 | 6 | .031 | Tin Plated Copper | .286 | .770 | .625 | .210 |
| 61354-1 | C | Red | .145 | 6 | .031 | Tin Plated Copper | .286 | .890 | .745 | .210 |
| 41715 | A | Red | .145 | 8 | .031 | Tin Plated Copper | .312 | .795 | .660 | .245 |
| 41716 | A | Red | .145 | 10 | .031 | Tin Plated Copper | .312 | .795 | .660 | .245 |



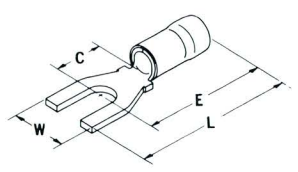
A



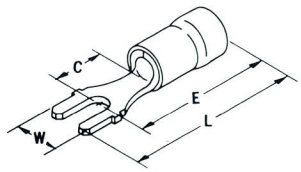
B

## 16-14 WIRE RANGE (VINYL Insulation)

| CATALOG NUMBER | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|---|
| 40788 | A | Blue | .170 | 6 | .031 | Tin Plated Copper | .312 | .790 | .640 | .225 |
| 40848 | A | Blue | .170 | 6 | .031 | Tin Plated Copper | .280 | .745 | .640 | .225 |
| 42071-0 | C | Blue | .170 | 6 | .031 | Tin Plated Copper | .343 | .870 | .680 | .265 |
| 40787 | A | Blue | .170 | 8 | .031 | Tin Plated Copper | .312 | .780 | .640 | .225 |
| 40852 | A | Blue | .170 | 8 | .031 | Tin Plated Copper | .312 | .785 | .660 | .245 |
| 42071-1 | C | Blue | .170 | 8 | .031 | Tin Plated Copper | .343 | .870 | .680 | .265 |
| 60361-1 | C | Blue | .170 | 8 | .031 | Tin Plated Copper | .290 | .770 | .600 | .185 |
| 40853 | A | Blue | .170 | 10 | .031 | Tin Plated Copper | .312 | .785 | .660 | .245 |
| 42071-2 | C | Blue | .170 | 10 | .031 | Tin Plated Copper | .343 | .870 | .680 | .265 |



C



D

## 12-10 WIRE RANGE (VINYL Insulation)

| CATALOG NUMBER | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|---|
| 61043-1 | D | Yellow | .230 | 10 | .040 | Tin Plated Copper | .406 | 1.305 | 1.025 | .415 |

FLANGED SPADE TONGUE

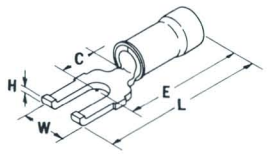
# PIDG Terminals

## 22-16 WIRE RANGE (VINYL Insulation)

| CATALOG NUMBER | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|---|
| 41842 | A | Red | .135 | 6 | .031 | Tin Plated Copper | .291 | .845 | .610 | .185 |
| 41846 | A | Red | .135 | 6 | .031 | Tin Plated Copper | .291 | .780 | .610 | .185 |
| 60846-1 | A | Red | .135 | 6 | .031 | Tin Plated Copper | .250 | .780 | .610 | .185 |
| 41843 | A | Red | .135 | 8 | .031 | Tin Plated Copper | .291 | .845 | .610 | .185 |
| 41847 | A | Red | .135 | 8 | .031 | Tin Plated Copper | .291 | .780 | .610 | .185 |

## 16-14 WIRE RANGE (VINYL Insulation)

| CATALOG NUMBER | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|---|
| 41821 | A | Blue | .160 | 6 | .031 | Tin Plated Copper | .290 | .835 | .605 | .185 |
| 41825 | A | Blue | .160 | 6 | .031 | Tin Plated Copper | .290 | .770 | .605 | .185 |
| 41822 | A | Blue | .160 | 8 | .031 | Tin Plated Copper | .290 | .835 | .605 | .185 |



A

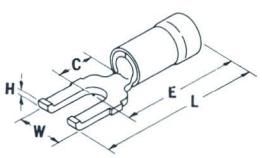
# PLASTI-GRIP Terminals

## 22-16 WIRE RANGE (VINYL Insulation)

| CATALOG NUMBER | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|---|
| 41828 | A | Red | .145 | 6 | .031 | Tin Plated Copper | .291 | .835 | .600 | .185 |
| 60135-1 | A | Red | .145 | 6 | .031 | Tin Plated Copper | .291 | .770 | .600 | .185 |
| 42311-1 | A | Red | .145 | 8 | .031 | Tin Plated Copper | .291 | .835 | .600 | .185 |

## 16-14 WIRE RANGE (VINYL Insulation)

| CATALOG NUMBER | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|---|
| 42038-2 | A | Blue | .170 | 6 | .031 | Tin Plated Copper | .290 | .765 | .600 | .185 |
| 42597-1 | A | Blue | .170 | 8 | .031 | Tin Plated Copper | .290 | .830 | .600 | .185 |
| 42038-3 | A | Blue | .170 | 8 | .031 | Tin Plated Copper | .290 | .765 | .600 | .185 |

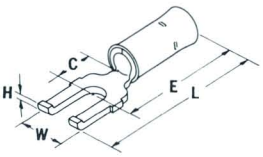


A

# DIAMOND-GRIP Terminals

## 22-16 WIRE RANGE (Non-Insulated)

| CATALOG NUMBER | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STUD SIZE | STOCK THICK. | MATERIAL | W NOM. | L MAX. | E MAX. | C MIN. |
|---|---|---|---|---|---|---|---|---|---|---|
| 42133-2 | A | | .135 | 6 | .031 | Tin Plated Copper | .291 | .780 | .545 | .185 |
| 42133-6 | A | | .135 | 6 | .031 | Tin Plated Copper | .291 | .715 | .545 | .185 |



A

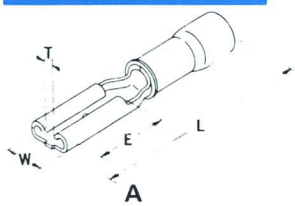
FASTON RECEPTACLES

# PIDG Receptacles

## 22-18 WIRE RANGE "110" Series (NYLON Insulation)

| CATALOG NUMBER | | | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STOCK THICK. | MATERIAL | FITS TAB | W NOM. | L MAX. | E NOM. | T NOM. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STRIP FORM | LOOSE PIECE FORM | TAPE MOUNTED | | | | | | | | | | |
| 60893-1 | 60894-1 | 60894-2 | A | Trans. | .100 | .012 | Pre-Tin Brass | .032 | .148 | .734 | .250 | .025 |
| 61059-1 | 61060-1 | 61060-2 | A | Trans. | .100 | .012 | Pre-Tin Brass | .020 | .148 | .734 | .250 | .025 |
| 61047-1 | 61048-1 | 61048-2 | A | Trans. | .100 | .012 | Pre-Tin Brass | .016 | .148 | .734 | .250 | .025 |
| 350625-1 | 350626-1 | 350626-2 | A | Trans. | .100 | .012 | Gold Plated Brass | .032 | .148 | .734 | .250 | .025 |
| 350807-1 | 350808-1 | 350808-2 | A | Trans. | .110 | .012 | Pre-Tin Brass | .020 | .148 | .734 | .250 | .025 |
| 61254-1* | 61255-1* | | A | Trans. | .110 | .012 | Pre-Tin Brass | .032 | .148 | .734 | .250 | .025 |

*No Dimple

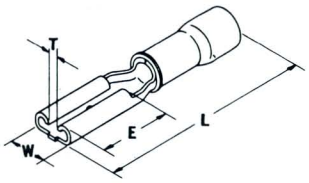


A

# PIDG Receptacles

## 16-14 WIRE RANGE "110" Series (VINYL Insulation)

| CATALOG NUMBER | | | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STOCK THICK. | MATERIAL | FITS TAB | W NOM. | L MAX. | E NOM. | T NOM. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STRIP FORM | LOOSE PIECE FORM | TAPE MOUNTED | | | | | | | | | | |
| 61190-1 | 61191-1 | | A | Blue | .160 | .016 | Pre-Tin Brass | .016 | .160 | .756 | .250 | .025 |
| 61257-1* | 61258-1* | | A | Blue | .170 | .016 | Pre-Tin Brass | .032 | .160 | .756 | .250 | .025 |



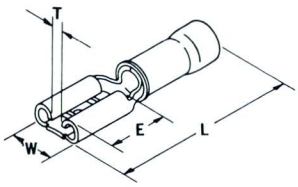
A

## 22-18 WIRE RANGE "187" Series (VINYL Insulation)

| CATALOG NUMBER | | | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STOCK THICK. | MATERIAL | FITS TAB | W NOM. | L MAX. | E NOM. | T NOM. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STRIP FORM | LOOSE PIECE FORM | TAPE MOUNTED | | | | | | | | | | |
| 60971-1 | 60972-1 | | B | Red | .135 | .016 | Brass | .020 | .230 | .756 | .250 | .038 |
| 60971-2 | 60972-2 | 60972-3 | B | Red | .135 | .016 | Tin Plated Brass | .020 | .230 | .756 | .250 | .038 |

## 16-14 WIRE RANGE "187" Series (VINYL Insulation)

| CATALOG NUMBER | | | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STOCK THICK. | MATERIAL | FITS TAB | W NOM. | L MAX. | E NOM. | T NOM. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STRIP FORM | LOOSE PIECE FORM | TAPE MOUNTED | | | | | | | | | | |
| 61696-1 | 61697-1 | 61697-2 | B | Blue | .160 | .016 | Tin Plated Brass | .020 | .230 | .756 | .250 | .038 |



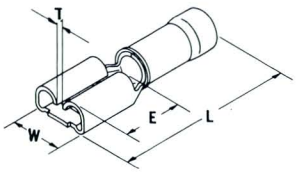
B

## 22-18 WIRE RANGE "205" Series (VINYL Insulation)

| CATALOG NUMBER | | | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STOCK THICK. | MATERIAL | FITS TAB | W NOM. | L MAX. | E NOM. | T NOM. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STRIP FORM | LOOSE PIECE FORM | TAPE MOUNTED | | | | | | | | | | |
| 60816-1 | | | C | Red | .135 | .016 | Brass | .020 | .250 | .756 | .250 | .025 |
| 60816-2 | 42888-1 | 42888-2 | C | Red | .135 | .016 | Tin Plated Brass | .020 | .250 | .756 | .250 | .025 |
| 60817-1 | | | C | Red | .135 | .016 | Brass | .032 | .250 | .756 | .250 | .040 |
| 60817-2 | 60023-1 | 60023-2 | C | Red | .135 | .016 | Tin Plated Brass | .032 | .250 | .756 | .250 | .040 |
| 350730-1‡ | 350731-1‡ | | C | Red | .135 | .016 | Tin Plated Brass | .020 | .250 | .756 | .250 | .040 |

## 16-14 WIRE RANGE "205" Series (VINYL Insulation)

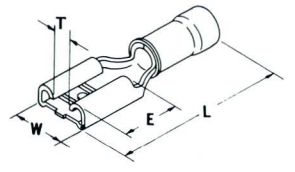
| CATALOG NUMBER | | | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STOCK THICK. | MATERIAL | FITS TAB | W NOM. | L MAX. | E NOM. | T NOM. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STRIP FORM | LOOSE PIECE FORM | TAPE MOUNTED | | | | | | | | | | |
| 60819-1 | 42747-1 | 42747-4 | C | Blue | .160 | .016 | Brass | .020 | .250 | .692 | .250 | .025 |
| 60819-2 | 42747-2 | 42747-3 | C | Blue | .160 | .016 | Tin Plated Brass | .020 | .250 | .692 | .250 | .025 |
| 60818-1 | 42727-1 | | C | Blue | .160 | .016 | Brass | .032 | .250 | .692 | .250 | .025 |
| 60818-2 | 42727-2 | 42727-3 | C | Blue | .160 | .016 | Tin Plated Brass | .032 | .250 | .692 | .250 | .025 |



C

## 22-18 WIRE RANGE "250" Series (VINYL Insulation)

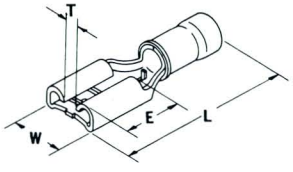
| CATALOG NUMBER | | | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STOCK THICK. | MATERIAL | FITS TAB | W NOM. | L MAX. | E NOM. | T NOM. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STRIP FORM | LOOSE FORM PIECE | TAPE MOUNTED | | | | | | | | | | |
| 60366-1 | 42599-1 | 42599-5 | D | Red | .135 | .018 | Brass | .032 | .300 | .850 | .305 | .065 |
| 60366-2 | 42599-2 | 42599-4 | D | Red | .135 | .018 | Tin Plated Brass | .032 | .300 | .850 | .305 | .065 |
| 60366-3 | 42599-3 | | D | Red | .135 | .018 | Silver Plated Brass | .032 | .300 | .850 | .305 | .065 |
| 60448-1 | 42628-1 | | D | Red | .135 | .018 | Brass | .032 | .300 | .850 | .305 | .065 |
| 60448-2 | 42628-2 | 42628-3 | D | Red | .135 | .018 | Tin Plated Brass | .032 | .300 | .850 | .305 | .065 |
| 61204-1‡ | 61205-1‡ | 61205-4‡ | E | Red | .135 | .018 | Brass | .032 | .300 | .850 | .305 | .065 |
| 61204-2‡ | 61205-2‡ | 61205-5‡ | E | Red | .135 | .018 | Tin Plated Brass | .032 | .300 | .850 | .305 | .065 |
| 61204-3‡ | 61205-3‡ | | E | Red | .135 | .018 | Silver Plated Brass | .032 | .300 | .850 | .305 | .065 |



D

## 16-14 WIRE RANGE "250" Series (VINYL Insulation)

| CATALOG NUMBER | | | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STOCK THICK. | MATERIAL | FITS TAB | W NOM. | L MAX. | E NOM. | T NOM. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STRIP FORM | LOOSE PIECE FORM | TAPE MOUNTED | | | | | | | | | | |
| 60365-1 | 42332-1 | 42332-3 | D | Blue | .160 | .018 | Brass | .032 | .300 | .850 | .305 | .065 |
| 60365-2 | 42332-2 | 42332-4 | D | Blue | .160 | .018 | Tin Plated Brass | .032 | .300 | .850 | .305 | .065 |



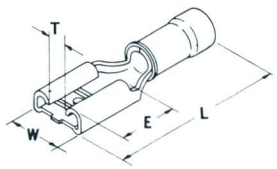
E

•No Dimple
‡With Wire Stop

**FASTON RECEPTACLES (cont'd)**

# PIDG Receptacles

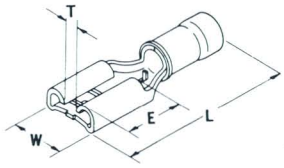
## 16-14 WIRE RANGE "250" Series (VINYL Insulation)



D

| CATALOG NUMBER | | | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STOCK THICK. | MATERIAL | FITS TAB | W NOM. | L MAX. | E NOM. | T NOM. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STRIP FORM | LOOSE PIECE FORM | TAPE MOUNTED | | | | | | | | | | |
| 61170-1‡ | 61171-1‡ | 61171-3‡ | E | Blue | .160 | .018 | Brass | .032 | .300 | .850 | .305 | .065 |
| 61170-2‡ | 61171-2‡ | 61171-4‡ | E | Blue | .160 | .018 | Tin Plated Brass | .032 | .300 | .850 | .305 | .065 |
| 60449-1 | 60211-1 | 60211-3 | D | Red | .160 | .018 | Brass | .032 | .300 | .850 | .305 | .065 |
| 60449-2 | 60211-2 | 60211-4 | D | Red | .160 | .018 | Tin Plated Brass | .032 | .300 | .850 | .305 | .065 |
| 60450-1 | 60212-1 | 60212-3 | D | Black | .160 | .018 | Brass | .032 | .300 | .850 | .305 | .065 |
| 60450-2 | 60212-2 | 60212-4 | D | Black | .160 | .018 | Tin Plated Brass | .032 | .300 | .850 | .305 | .065 |
| 60451-1 | 60213-1 | 60213-3 | D | White | .160 | .018 | Brass | .032 | .300 | .850 | .305 | .065 |
| 60451-2 | 60213-2 | 60213-4 | D | White | .160 | .018 | Tin Plated Brass | .032 | .300 | .850 | .305 | .065 |
| 61428-1 | 61429-1 | 61429-2 | D | Blue | .180 | .018 | Tin Plated Brass | .032 | .300 | .850 | .305 | .065 |

## 14-12† WIRE RANGE "250" Series (VINYL Insulation)



E

| CATALOG NUMBER | | | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STOCK THICK. | MATERIAL | FITS TAB | W NOM. | L MAX. | E NOM. | T NOM. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STRIP FORM | LOOSE PIECE FORM | TAPE MOUNTED | | | | | | | | | | |
| 60448-1 | 42628-1 | | D | Red | .135 | .018 | Brass | .032 | .300 | .850 | .305 | .065 |
| 60448-2 | 42628-2 | 42628-3 | D | Red | .135 | .018 | Tin Plated Brass | .032 | .300 | .850 | .305 | .065 |

## 12-10 WIRE RANGE "250" Series (VINYL Insulation)

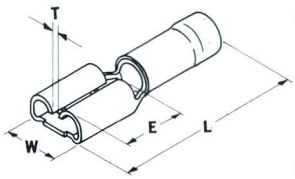
| CATALOG NUMBER | | | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STOCK THICK. | MATERIAL | FITS TAB | W NOM. | L MAX. | E NOM. | T NOM. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STRIP FORM | LOOSE PIECE FORM | TAPE MOUNTED | | | | | | | | | | |
| 61197-1 | 61198-1 | 61198-3 | D | Yellow | .250 | .018 | Tin Plated Brass | .032 | .300 | 1.012 | .305 | .065 |
| 61197-2 | 61198-2 | 61198-4 | D | Yellow | .250 | .018 | Tin Pl. Phos. Bronze | .032 | .300 | 1.012 | .305 | .065 |

## 22-18 WIRE RANGE "250" Series (NYLON Insulation)

| CATALOG NUMBER | | | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STOCK THICK. | MATERIAL | FITS TAB | W NOM. | L MAX. | E NOM. | T NOM. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STRIP FORM | LOOSE PIECE FORM | TAPE MOUNTED | | | | | | | | | | |
| 60544-1 | 42844-1 | 42844-3 | D | Yellow | .250 | .018 | Tin Plated Brass | .032 | .300 | 1.012 | .305 | .065 |
| 60544-2 | 42844-2 | | D | Yellow | .250 | .018 | Tin Pl. Phos. Bronze | .032 | .300 | 1.012 | .305 | .065 |

# PLASTI-GRIP Receptacles

## 22-18 WIRE RANGE "187" Series (VINYL Insulation)



A

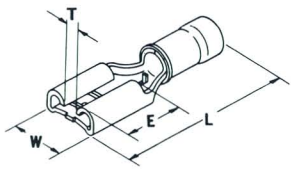
| CATALOG NUMBER | | | TYPE | INSUL. COLOR | MAX. INSUL. DIAMETER | STOCK THICK. | MATERIAL | FITS TAB | W NOM. | L MAX. | E NOM. | T NOM. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STRIP FORM | LOOSE PIECE FORM | TAPE MOUNTED | | | | | | | | | | |
| 61516-2 | | | A | Red | .135 | .016 | Tin Plated Brass | .020 | .230 | .795 | .250 | .038 |

## 22-18 WIRE RANGE "250" Series (VINYL Insulation)

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 61167-1 | 350176-1 | 350176-2 | A | Red | .135 | .018 | Tin Plated Brass | .032 | .300 | .880 | .305 | .065 |

## 16-14 WIRE RANGE "250" Series (VINYL Insulation)

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 485059-1 | 485054-2 | 485054-1 | A | Blue | .170 | .018 | Tin Plated Brass | .032 | .300 | .930 | .305 | .065 |
| 350670-1‡ | 350671-1‡ | 350671-2‡ | B | Blue | .170 | .018 | Tin Plated Brass | .032 | .300 | .930 | .305 | .065 |



B

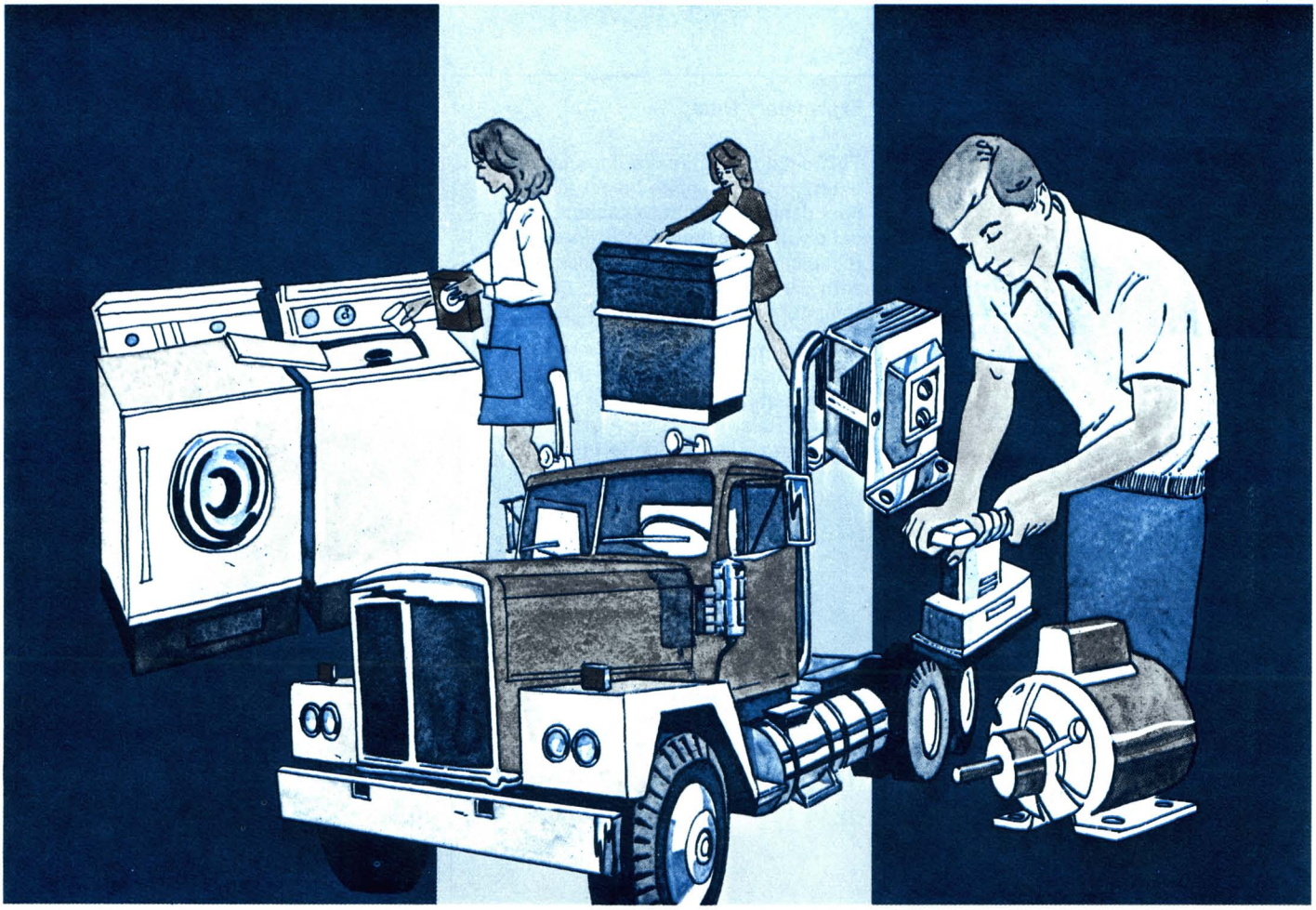
## 12-10 WIRE RANGE "250" Series (VINYL Insulation)

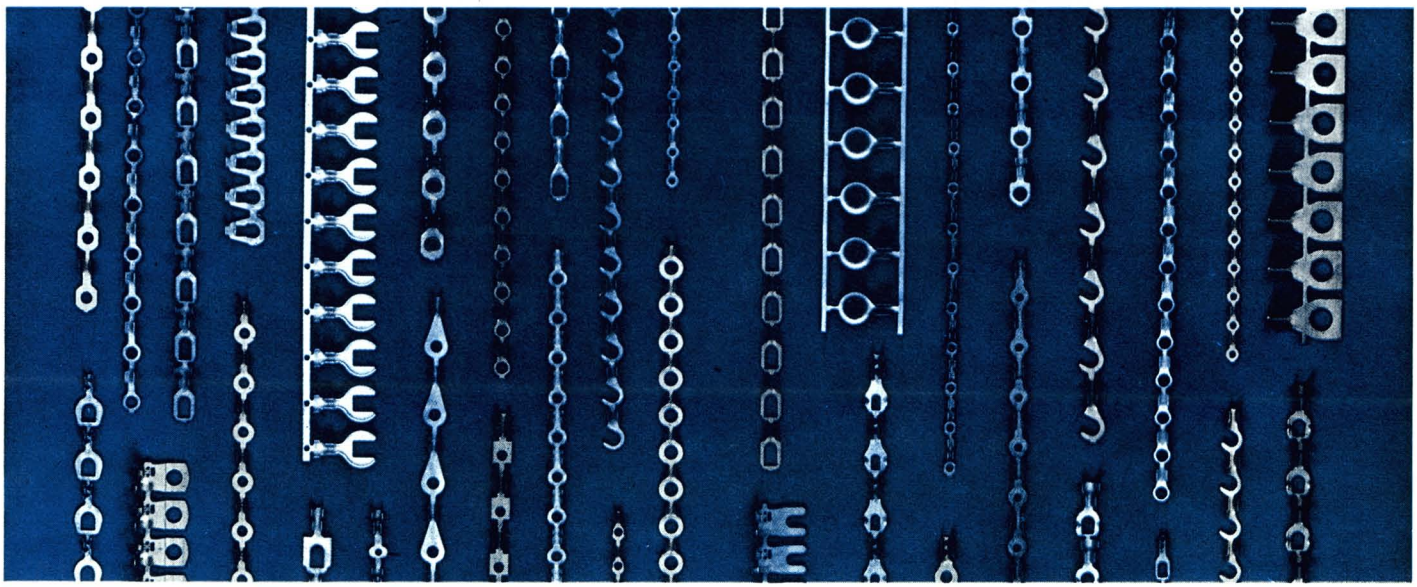
| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 350562-1 | 350563-1 | 350563-2 | A | Yellow | .250 | .018 | Tin Plated Brass | .032 | .300 | 1.035 | .305 | .065 |

‡With Wire Stop
†Limited to 6,470 circular mil area

# OPEN BARREL RINGS AND SPADES

applied with automatic machines





# OPEN BARREL RINGS AND SPADES

**Explanatory Note**

This catalog contains a complete listing of AMP* open barrel terminals designed for automachine application. It is designed to fit into any technical catalog library concerned with electrical circuits and their terminations.

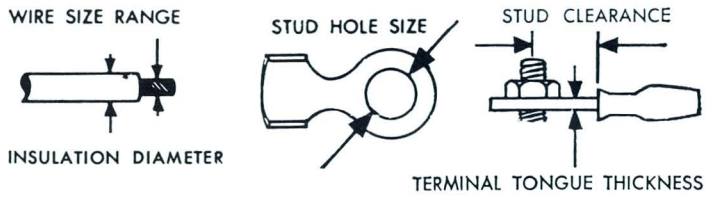
This volume has been designed for maximum ease in locating any item. The specification tables are by tongue style. Within each of these categories, the catalog is further subdivided by wire barrel type. A final division is by wire range.

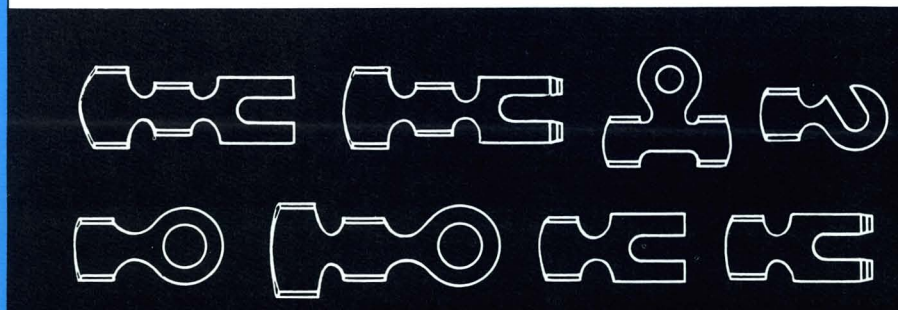
**Before You Order**

To help you choose the AMP product best suited to your requirements, the following information about each item is included in the tabular data where applicable: wire size range, insulation diameter accommodation, stock thickness, type of metal and plating used, and physical measurements.

With your initial order of AMP products for automachine application, please forward 50 feet of each type of wire you plan to use. If a wire sample is not available, a full description of your wire, including number of strands, individual strand size, and insulation diameter should be sent with your order.

AMP INCORPORATED has standardized its open barrel line on the products listed in this catalog. However, to fit unusual applications, AMP has developed many special items through its Development Engineering Department and stands ready to design and produce any type to meet your requirements.



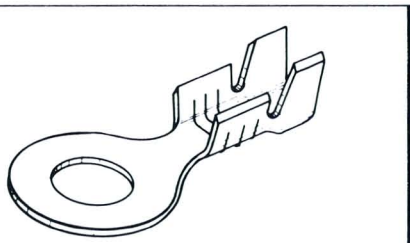
# OPEN BARREL
# RINGS AND SPADES

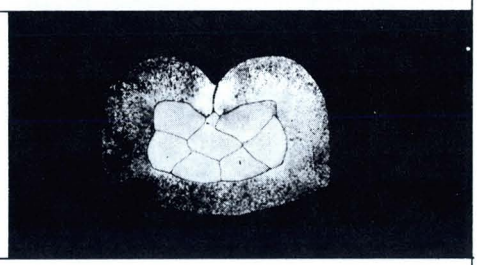
**"F" Crimp with Insulation Support**

AMP Open Barrel Terminals are made in strip form, wound on reels. They all feature an open barrel construction. In the standard "F" crimp design, the open barrel consists of two wings that are wrapped around the conductor strands and butted together in a tight seam. The crimping action of the tool dies is a precise mechanical operation that creates the exact crimp with each cycle of the machine. You can be sure, therefore, of the unvarying uniformity of all units.

The insulation support feature was developed by AMP for applications where vibration tends to be excessive. This design offers the same fine quality characteristics found in the standard line plus firm, fully circumferential support to the wire insulation.

The additional insulation support consists of two extra wings on the standard "F" crimp barrel which are wrapped around the wire insulation. This prevents harmful flexing of the wire at the termination point and deters fraying of the wire insulation. Because it increases the already significant tensile strength of the regular crimp, the vibration resistance is great enough for severe vibration problems.



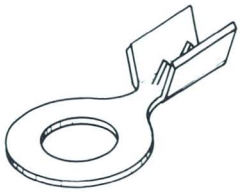


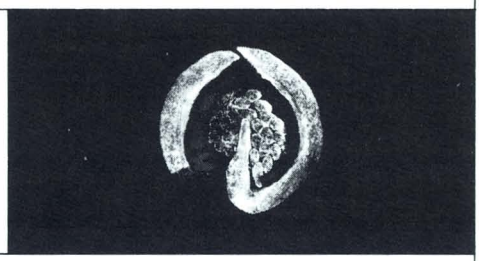
**Insulation Piercing Crimp**

The insulation piercing line enjoys a durable popularity with electrical circuitry manufacturers because of the simplicity of attachment. The barrel contains two perpendicular lances that drive through the wire insulation to make contact with the conductor within. Consequently, one step in circuitry termination, wire stripping, is eliminated.

Tensile characteristics vary, depending on the type of wire insulation. Because the barrel wraps around the insulation, it deters insulation fraying. The insulation piercing line is a low-cost, high-speed attachment suitable for many applications.

In general, insulation piercing items can be used on both stranded and tinsel wire, where high currents, intense vibration and mechanical loads are not critical factors.





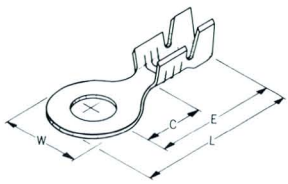
**Stud Sizes**

| STUD SIZE | MAJOR DIA. STUD | MIN. DIA. STUD HOLE |
|---|---|---|
| 0 | .060 | .064 |
| 1 | .073 | .077 |
| 2 | .086 | .090 |
| 3 | .099 | .103 |
| 4 | .112 | .116 |
| 5 | .125 | .130 |
| 6 | .138 | .142 |
| 8 | .164 | .168 |
| 10 | .190 | .194 |
| 12 | .216 | .220 |

| STUD SIZE | MAJOR DIA. STUD | MIN. DIA. STUD HOLE |
|---|---|---|
| 14 | .242 | .246 |
| 1/4 | .250 | .260 |
| 5/16 | .312 | .323 |
| 3/8 | .375 | .385 |
| 7/16 | .437 | .448 |
| 1/2 | .500 | .510 |
| 5/8 | .625 | .651 |
| 3/4 | .750 | .776 |
| 7/8 | .875 | .901 |
| 1 | 1.000 | 1.026 |

# OPEN BARREL
# RINGS AND SPADES

## RING TONGUE



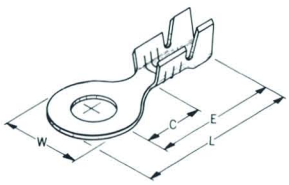

**A**
Wire Range: 24-10

### INSULATION SUPPORT

| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | W | L | E | C |
| 41695 | A | 24-20 | .080-.100 | .070 | — | .020 | Brass | .290 | .630 | .485 | .250 |
| 41696 | A | 24-20 | .080-.100 | .070 | — | .020 | Brass/Tin | .290 | .630 | .485 | .250 |
| 41575 | A | 24-20 | .080-.100 | .119 | 4 | .020 | Brass | .290 | .630 | .485 | .250 |
| 41579 | A | 24-20 | .080-.100 | .119 | 4 | .020 | Brass/Tin | .290 | .630 | .485 | .250 |
| 41576 | A | 24-20 | .080-.100 | .145 | 6 | .020 | Brass | .290 | .630 | .485 | .250 |
| 41580 | A | 24-20 | .080-.100 | .145 | 6 | .020 | Brass/Tin | .290 | .630 | .485 | .250 |
| 41577 | A | 24-20 | .080-.100 | .171 | 8 | .020 | Brass | .290 | .630 | .485 | .250 |
| 41581 | A | 24-20 | .080-.100 | .171 | 8 | .020 | Brass/Tin | .290 | .630 | .485 | .250 |
| 60382-1 | A | 24-20 | .080-.100 | .171 | 8 | .020 | Brass/Pre-Tin Lead | .290 | .630 | .485 | .250 |
| 41578 | A | 24-20 | .080-.100 | .197 | 10 | .020 | Brass | .290 | .630 | .485 | .250 |
| 41582 | A | 24-20 | .080-.100 | .197 | 10 | .020 | Brass/Tin | .290 | .630 | .485 | .250 |
| 60668-1 | A | 24-20 | .080-.100 | .145 | 6 | .018 | Brass | .290 | .630 | .485 | .250 |
| 60668-2 | A | 24-20 | .080-.100 | .145 | 6 | .018 | Brass/Tin | .290 | .630 | .485 | .250 |
| 60669-1 | A | 24-20 | .080-.100 | .171 | 8 | .018 | Brass | .290 | .630 | .485 | .250 |
| 60669-2 | A | 24-20 | .080-.100 | .171 | 8 | .018 | Brass/Tin | .290 | .630 | .485 | .250 |
| 60670-1 | A | 24-20 | .080-.100 | .197 | 10 | .018 | Brass | .290 | .630 | .485 | .250 |
| 60670-2 | A | 24-20 | .080-.100 | .197 | 10 | .018 | Brass/Tin | .290 | .630 | .485 | .250 |
| 61149-1 | A | 24-20 | .080-.100 | .197 | 10 | .020 | Brass/Tin | .290 | .630 | .485 | .250 |
| 42165-1 | A• | 24-20 | .048-.078 | .128 | — | .016 | Brass | .186 | .521 | .428 | .150 |
| 42165-2 | A• | 24-20 | .048-.078 | .128 | — | .016 | Brass/Tin | .186 | .521 | .428 | .150 |
| 60553-1 | A• | 24-20 | .048-.078 | .145 | 6 | .014 | Brass/Tin | .250 | .597 | .447 | .220 |
| 60554-1 | A• | 24-20 | .048-.078 | .171 | 8 | .014 | Brass/Tin | .300 | .597 | .447 | .220 |
| 60555-1 | A• | 24-20 | .048-.078 | .197 | 10 | .014 | Brass/Tin | .300 | .597 | .447 | .220 |
| 60555-2 | A• | 24-20 | .048-.078 | .197 | 10 | .014 | Brass | .300 | .597 | .447 | .220 |
| 485003-1 | A | 22-18 | .120-.170 | .171 | 8 | .020 | Steel/Pre-Nickel | .296 | .637 | .494 | .234 |
| 60061-1 | A | 20-18 | .070-.100 | .265 | ¼ | .031 | Copper | .468 | .982 | .748 | .437 |
| 60061-2 | A | 20-18 | .070-.100 | .265 | ¼ | .031 | Copper/Tin | .468 | .982 | .748 | .437 |
| 41711 | A | 20-18 | .070-.100 | .265 | ¼ | .030 | Brass/Tin | .468 | .982 | .748 | .437 |
| 42674-1 | A | 20-18 | .070-.100 | .328 | 5/16 | .030 | Brass | .468 | .982 | .748 | .437 |
| 41013 | A | 20-18 | .070-.100 | .328 | 5/16 | .030 | Brass/Tin | .468 | .982 | .748 | .437 |
| 42355-1 | A | 20-18 | .060-.110 | .095 | — | .020 | Brass | .296 | .642 | .494 | .234 |
| 42355-2 | A | 20-18 | .060-.110 | .095 | — | .020 | Brass/Tin | .296 | .642 | .494 | .234 |
| 42121-1 | A | 20-18 | .060-.110 | .126 | — | .020 | Brass | .296 | .642 | .494 | .234 |
| 42121-2 | A | 20-18 | .060-.110 | .126 | — | .020 | Brass/Tin | .296 | .642 | .494 | .234 |
| 40731 | A | 20-18 | .060-.110 | .145 | 6 | .020 | Brass | .296 | .642 | .494 | .234 |
| 40697 | A | 20-18 | .060-.110 | .145 | 6 | .020 | Brass/Tin | .296 | .642 | .494 | .234 |
| 40732 | A | 20-18 | .060-.110 | .171 | 8 | .020 | Brass | .296 | .642 | .494 | .234 |
| 40698 | A | 20-18 | .060-.110 | .171 | 8 | .020 | Brass/Tin | .296 | .642 | .494 | .234 |
| 40733 | A | 20-18 | .060-.110 | .197 | 10 | .020 | Brass | .296 | .642 | .494 | .234 |
| 40699 | A | 20-18 | .060-.110 | .197 | 10 | .020 | Brass/Tin | .296 | .642 | .494 | .234 |
| 42036-0 | A• | 20-18 | .080-.110 | .145 | 6 | .020 | Brass | .296 | .662 | .514 | .234 |
| 42037-0 | A• | 20-18 | .080-.110 | .145 | 6 | .020 | Brass/Tin | .296 | .662 | .514 | .234 |
| 42036-3 | A• | 20-18 | .080-.110 | .145 | 6 | .020 | Copper | .296 | .662 | .514 | .234 |
| 42036-1 | A• | 20-18 | .080-.110 | .171 | 8 | .020 | Brass | .296 | .662 | .514 | .234 |
| 42037-1 | A• | 20-18 | .080-.110 | .171 | 8 | .020 | Brass/Tin | .296 | .662 | .514 | .234 |
| 42036-4 | A• | 20-18 | .080-.110 | .171 | 8 | .020 | Copper | .296 | .662 | .514 | .234 |
| 42036-2 | A• | 20-18 | .080-.110 | .197 | 10 | .020 | Brass | .296 | .662 | .514 | .234 |
| 42037-2 | A• | 20-18 | .080-.110 | .197 | 10 | .020 | Brass/Tin | .296 | .662 | .514 | .234 |
| 42036-5 | A• | 20-18 | .080-.110 | .197 | 10 | .020 | Copper | .296 | .662 | .514 | .234 |

† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel

## RING TONGUE
(cont'd)




**A**
Wire Range: 24-10

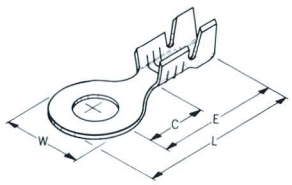
### INSULATION SUPPORT (Cont'd)

| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | W | L | E | C |
| 350187-1 | A | 20-16 | .125-.165 | .171 | 8 | .020 | Brass/Tin | .300 | .700 | .550 | .230 |
| 61447-1 | A | 20-16 | .125-.165 | .197 | 10 | .020 | Brass | .300 | .700 | .550 | .230 |
| 60700-1 | A | 20-16 | .080-.120 | .345 | — | .020 | Steel/Tin | .468 | .982 | .748 | .437 |
| 485002-1 | A | 20-16 | .080-.120 | .312 | — | .020 | Brass/Tin | .468 | .982 | .748 | .437 |
| 60700-2 | A | 20-16 | .080-.120 | .265 | ¼ | .020 | Brass/Tin | .468 | .982 | .748 | .437 |
| 60700-3 | A | 20-16 | .080-.120 | .265 | ¼ | .020 | Brass | .468 | .982 | .748 | .437 |
| 60547-1 | A• | 18-16 | .075-.110 | .145 | 6 | .018 | Brass/Tin | .250 | .654 | .505 | .225 |
| 60548-1 | A• | 18-16 | .075-.110 | .171 | 8 | .018 | Brass/Tin | .300 | .650 | .505 | .225 |
| 60549-1 | A• | 18-16 | .075-.110 | .197 | 10 | .018 | Brass/Tin | .300 | .650 | .505 | .225 |
| 41519 | A | 18-14 | .100-.140 | .145 | 6 | .031 | Copper/Tin | .342 | .783 | .612 | .305 |
| 60260-1 | A | 18-14 | .100-.140 | .127 | — | .030 | Brass | .342 | .783 | .612 | .305 |
| 42017 | A | 18-14 | .100-.140 | .127 | — | .030 | Brass/Tin | .342 | .783 | .612 | .305 |
| 40659 | A | 18-14 | .100-.140 | .145 | 6 | .030 | Brass | .342 | .783 | .612 | .305 |
| 40723 | A | 18-14 | .100-.140 | .145 | 6 | .030 | Brass/Tin | .342 | .783 | .612 | .305 |
| 40660 | A | 18-14 | .100-.140 | .171 | 8 | .030 | Brass | .342 | .783 | .612 | .305 |
| 40724 | A | 18-14 | .100-.140 | .171 | 8 | .030 | Brass/Tin | .342 | .783 | .612 | .305 |
| 40661 | A | 18-14 | .100-.140 | .197 | 10 | .030 | Brass | .342 | .783 | .612 | .305 |
| 40725 | A | 18-14 | .100-.140 | .197 | 10 | .030 | Brass/Tin | .342 | .783 | .612 | .305 |
| 42569-1 | A | 18-14 | .100-.140 | .206 | — | .030 | Brass | .342 | .783 | .612 | .305 |
| 42007 | A | 18-14 | .100-.140 | .206 | — | .030 | Brass/Tin | .342 | .783 | .612 | .305 |
| 40879 | A | 18-14 | .100-.140 | .218 | — | .030 | Brass | .342 | .783 | .612 | .305 |
| 60744-1 | A | 18-14 | .120-.160 | .197 | 10 | .025 | Brass | .342 | .789 | .618 | .305 |
| 60744-2 | A | 18-14 | .120-.160 | .197 | 10 | .025 | Brass/Tin | .342 | .789 | .618 | .305 |
| 60024-1 | A | 18-14 | .100-.140 | .171 | 8 | .025 | Brass | .342 | .783 | .612 | .305 |
| 60024-2 | A | 18-14 | .100-.140 | .171 | 8 | .025 | Brass/Tin | .342 | .783 | .612 | .305 |
| 60433-1 | A | 18-14 | .100-.140 | .197 | 10 | .025 | Brass | .342 | .783 | .612 | .305 |
| 60433-2 | A | 18-14 | .100-.140 | .197 | 10 | .025 | Brass/Tin | .342 | .783 | .612 | .305 |
| 60625-1 | A | 18-14 | .100-.140 | .265 | ¼ | .025 | Brass/Tin | .342 | .783 | .612 | .305 |
| 41558-1 | A | 18-14 | .120-.170 | .145 | 6 | .020 | Steel/Pre-Nickel | .296 | .640 | .494 | .234 |
| 61554-1 | A | 18-14 | .120-.170 | .096 | — | .020 | Brass/Pre-Tin | .296 | .640 | .494 | .234 |
| 41558 | A | 18-14 | .120-.170 | .145 | 6 | .020 | Brass | .296 | .640 | .494 | .234 |
| 41330 | A | 18-14 | .120-.170 | .145 | 6 | .020 | Brass/Tin | .296 | .640 | .494 | .234 |
| 40623 | A | 18-14 | .120-.170 | .145 | 6 | .020 | Copper/Tin | .296 | .640 | .494 | .234 |
| 41559 | A | 18-14 | .120-.170 | .171 | 8 | .020 | Brass | .296 | .640 | .494 | .234 |
| 41332 | A | 18-14 | .120-.170 | .171 | 8 | .020 | Brass/Tin | .296 | .640 | .494 | .234 |
| 40624 | A | 18-14 | .120-.170 | .171 | 8 | .020 | Copper/Tin | .296 | .640 | .494 | .234 |
| 41560 | A | 18-14 | .120-.170 | .197 | 10 | .020 | Brass | .296 | .640 | .494 | .234 |
| 41333 | A | 18-14 | .120-.170 | .197 | 10 | .020 | Brass/Tin | .296 | .640 | .494 | .234 |
| 350199-1 | A | 18-14 | .120-.175 | .197 | 10 | .020 | Steel/Nickel | .342 | .783 | .612 | .305 |
| 640102-1 | A | 18-14 | .140-.190 | .171 | 8 | .030 | Brass/Tin | .342 | .784 | .608 | .305 |
| 40625 | A | 18-14 | .120-.170 | .197 | 10 | .020 | Copper/Tin | .342 | .784 | .608 | .305 |
| 60516-1 | A | 18-14 | .120-.170 | .197 | 10 | .020 | Stainless Steel | .296 | .640 | .494 | .234 |
| 41333-1 | A | 18-14 | .120-.170 | .197 | 10 | .020 | Steel/Pre-Nickel | .296 | .640 | .494 | .234 |
| 61397-1 | A | 18-14 | .140-.190 | .197 | 10 | .030 | Brass/Tin | .342 | .784 | .479 | .305 |
| 61071-1 | A• | 18-14 | .130-.190 | .171 | 8 | .025 | Steel/Nickel | .343 | .787 | .615 | .220 |
| 61071-2 | A• | 18-14 | .130-.190 | .145 | 6 | .025 | Steel/Nickel | .343 | .787 | .615 | .220 |
| 61563-1 | A• | 18-14 | .130-.190 | .197 | 10 | .025 | Steel/Nickel | .343 | .787 | .615 | .220 |
| 42750-1 | A | 16-14 | .120-.180 | .197 | 10 | .030 | Brass | .470 | 1.046 | .811 | .384 |
| 42750-2 | A | 16-14 | .120-.180 | .197 | 10 | .030 | Brass/Tin | .470 | 1.046 | .811 | .384 |
| 42751-1 | A | 16-14 | .120-.180 | .257 | — | .030 | Brass | .470 | 1.046 | .811 | .384 |
| 42751-2 | A | 16-14 | .120-.180 | .257 | — | .030 | Brass/Tin | .470 | 1.046 | .811 | .384 |
| 42938-1 | A | 16-14 | .120-.180 | .281 | — | .030 | Brass | .470 | 1.046 | .811 | .384 |

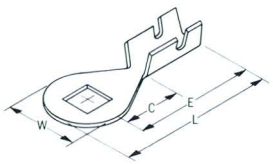
† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel

# OPEN BARREL
# RINGS AND SPADES

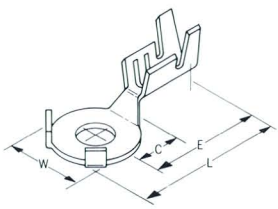
## RING TONGUE
(cont'd)



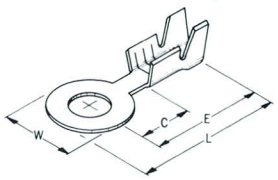

**A**
Wire Range: 24-10




**B**
Wire Range: 20-10




**C**
Wire Range: 24-20



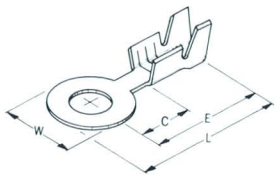

**D**
Wire Range: 26-10

### INSULATION SUPPORT (Cont'd)

| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 42938-2 | A | 16-14 | .120-.180 | .281 | — | .030 | Brass/Tin | .470 | 1.046 | .811 | .384 |
| 42752-1 | A | 16-14 | .120-.180 | .323 | — | .030 | Brass | .470 | 1.046 | .811 | .384 |
| 42752-2 | A | 16-14 | .120-.180 | .323 | — | .030 | Brass/Tin | .470 | 1.046 | .811 | .384 |
| 350195-1 | A• | 16-12 | .225-.275 or (2) .140 Max. | .197 | 10 | .025 | Brass/Tin | .343 | .786 | .615 | .280 |
| 350195-2 | A• | 16-12 | .225-.275 or (2) .140 Max. | .197 | 10 | .025 | Steel/Tin | .343 | .786 | .615 | .280 |
| 60399-1 | A | 12-10 | .150-.210 | .197 | 10 | .040 | Copper/Tin | .535 | 1.047 | .780 | .406 |
| 42722-1 | A | 12-10 | .150-.210 | .197 | 10 | .030 | Brass | .470 | 1.072 | .839 | .406 |
| 41124 | A | 12-10 | .150-.210 | .197 | 10 | .030 | Brass/Tin | .470 | 1.072 | .839 | .406 |
| 42622-1 | A | 12-10 | .190-.270 | .197 | 10 | .030 | Steel/Nickel | .470 | 1.046 | .811 | .406 |
| 42723-1 | A | 12-10 | .150-.210 | .257 | — | .030 | Brass | .470 | 1.072 | .839 | .406 |
| 41125 | A | 12-10 | .150-.210 | .257 | — | .030 | Brass/Tin | .470 | 1.072 | .839 | .406 |
| 61844-1 | A | 12-10 | .150-.210 | .265 | ¼ | .040 | Copper/Tin | .535 | 1.048 | .780 | .406 |
| 42724-1 | A | 12-10 | .150-.210 | .323 | — | .030 | Brass | .470 | 1.072 | .839 | .406 |
| 41126 | A | 12-10 | .150-.210 | .323 | — | .030 | Brass/Tin | .470 | 1.072 | .839 | .406 |
| 60060-1 | B | 20-18 | .070-.100 | .204 Sq. | — | .031 | Copper | .468 | .982 | .748 | .437 |
| 60060-2 | B | 20-18 | .070-.100 | .204 Sq. | — | .031 | Copper/Tin | .468 | .982 | .748 | .437 |
| 60400-1 | B | 12-10 | .150-.210 | .205 Sq. | — | .040 | Copper/Tin | .535 | 1.047 | .780 | .406 |
| 61623-1 | C• | 24-20 or (2) 24 | .040-.095 or (2) .048 Max. | .200 | — | .020 | Brass/Tin | .375 | .750 | .560 | .310 |
| 61623-2 | C• | 24-20 or (2) 24 | .040-.095 or (2) .048 Max. | .200 | — | .020 | Brass | .375 | .750 | .560 | .310 |
| 60007-1 | D | 26-22 | .040-.060 | .100 | — | .014 | Brass | .190 | .425 | .330 | .130 |
| 60007-2 | D | 26-22 | .040-.060 | .100 | — | .014 | Brass/Tin | .190 | .425 | .330 | .130 |
| 42547-1 | D | 26-22 | .040-.060 | .119 | 4 | .014 | Brass | .190 | .425 | .330 | .130 |
| 42547-2 | D | 26-22 | .040-.060 | .119 | 4 | .014 | Brass/Tin | .190 | .425 | .330 | .130 |
| 42547-3 | D | 26-22 | .040-.060 | .119 | 4 | .014 | Brass/Gold | .190 | .425 | .330 | .130 |
| 42547-4 | D | 26-22 | .040-.060 | .119 | 4 | .014 | Brass/Pre-Tin Lead | .190 | .425 | .330 | .130 |
| 61568-1 | D | 26-22 | .040-.060 | .130 | — | .014 | Brass | .190 | .425 | .330 | .130 |
| 61312-1 | D | 26-22 | .070-.110 | .100 | — | .016 | Brass | .190 | .455 | .365 | .130 |
| 60974-1 | D• | 24-20 | .030-.060 | .215 | — | .014 | Brass/Tin | .345 | .573 | .400 | .210 |
| 42925-1 | D | 22-20 | .070-.100 | .071 | — | .025 | Brass | .210 | .457 | .352 | .165 |
| 42925-2 | D | 22-20 | .070-.100 | .071 | — | .025 | Brass/Tin | .210 | .457 | .352 | .165 |
| 42022-0 | D | 22-20 | .070-.100 | .099 | — | .025 | Brass | .210 | .457 | .352 | .165 |
| 42022-1 | D | 22-20 | .070-.100 | .099 | — | .025 | Brass/Tin | .210 | .457 | .352 | .165 |
| 42022-2 | D | 22-20 | .070-.100 | .119 | 4 | .025 | Brass | .210 | .457 | .352 | .165 |
| 42022-3 | D | 22-20 | .070-.100 | .119 | 4 | .025 | Brass/Tin | .210 | .457 | .352 | .165 |
| 42022-4 | D | 22-20 | .070-.100 | .125 | — | .025 | Brass | .210 | .457 | .352 | .165 |
| 42022-5 | D | 22-20 | .070-.100 | .125 | — | .025 | Brass/Tin | .210 | .457 | .352 | .165 |
| 60292-1 | D | 22-20 | .070-.100 | .132 | — | .025 | Brass | .210 | .457 | .352 | .165 |
| 60292-2 | D | 22-20 | .070-.100 | .132 | — | .025 | Brass/Tin | .210 | .457 | .352 | .165 |
| 60292-3 | D | 22-20 | .070-.100 | .132 | — | .025 | Stainless Steel | .210 | .457 | .352 | .165 |
| 60739-3 | D | 22-20 | .070-.110 | .078 | — | .020 | Brass | .210 | .457 | .352 | .165 |
| 60786-1 | D• | 22-20 | .110-.150 | .099 | — | .020 | Brass | .190 | .450 | .352 | .135 |
| 60786-2 | D• | 22-20 | .110-.150 | .099 | — | .020 | Brass/Tin | .190 | .450 | .352 | .135 |
| 350083-1 | D | 22-20 | .070-.110 | .082 | — | .020 | Brass/Tin | .210 | .457 | .352 | .165 |
| 60739-1 | D | 22-20 | .070-.110 | .099 | — | .020 | Brass | .210 | .457 | .352 | .165 |
| 60739-2 | D | 22-20 | .070-.110 | .099 | — | .020 | Brass/Tin | .210 | .457 | .352 | .165 |

† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel

## RING TONGUE
(cont'd)




**D**
Wire Range: 26-10

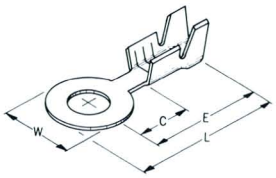
### INSULATION SUPPORT (Cont'd)

| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | W | L | E | C |
| 60299-1 | D | 22-20 | .070-.110 | .125 | — | .020 | Brass/Tin | .210 | .457 | .352 | .165 |
| 41471 | D | 20-16 | .100-.135 | .156 | — | .025 | Brass | .246 | .467 | .352 | .165 |
| 41472 | D | 20-16 | .100-.135 | .156 | — | .025 | Brass/Tin | .246 | .467 | .352 | .165 |
| 42220-3 | D | 20-16 | .075-.110 | .065 | — | .025 | Brass | .246 | .460 | .352 | .165 |
| 42220-1 | D | 20-16 | .075-.110 | .085 | — | .025 | Brass | .246 | .460 | .352 | .165 |
| 42220-2 | D | 20-16 | .075-.110 | .085 | — | .025 | Brass/Tin | .246 | .460 | .352 | .165 |
| 41406 | D | 20-16 | .075-.110 | .099 | — | .025 | Brass | .246 | .460 | .352 | .165 |
| 60261-1 | D | 20-16 | .075-.110 | .119 | 4 | .025 | Brass | .246 | .460 | .352 | .165 |
| 40799 | D | 20-16 | .075-.110 | .119 | 4 | .025 | Brass/Tin | .246 | .460 | .352 | .165 |
| 42721-1 | D | 20-16 | .075-.110 | .132 | — | .025 | Brass | .246 | .460 | .352 | .165 |
| 42721-2 | D | 20-16 | .075-.110 | .132 | — | .025 | Brass/Tin | .246 | .460 | .352 | .165 |
| 41859 | D | 20-16 | .075-.110 | .155 | — | .025 | Brass | .246 | .460 | .352 | .165 |
| 40544 | D | 20-16 | .075-.110 | .155 | — | .025 | Brass/Tin | .246 | .460 | .352 | .165 |
| 42175-3 | D | 16-14 | .120-.180 | .145 | 6 | .032 | Steel | .375 | .865 | .678 | .312 |
| 42175-4 | D | 16-14 | .120-.180 | .145 | 6 | .032 | Steel/Tin | .375 | .865 | .678 | .312 |
| 42176-3 | D | 16-14 | .120-.180 | .171 | 8 | .032 | Steel | .375 | .865 | .678 | .312 |
| 42176-4 | D | 16-14 | .120-.180 | .171 | 8 | .032 | Steel/Tin | .375 | .865 | .678 | .312 |
| 42176-5 | D | 16-14 | .120-.180 | .171 | 8 | .032 | Steel/Nickel | .375 | .865 | .678 | .312 |
| 42177-4 | D | 16-14 | .120-.180 | .197 | 10 | .032 | Steel/Tin | .375 | .865 | .678 | .312 |
| 60155-1 | D | 16-14 | .120-.180 | .197 | 10 | .032 | Steel/Nickel | .375 | .865 | .678 | .312 |
| 42178-3 | D | 16-14 | .120-.180 | .203 | — | .032 | Steel | .375 | .865 | .678 | .312 |
| 42178-4 | D | 16-14 | .120-.180 | .203 | — | .032 | Steel/Tin | .375 | .865 | .678 | .312 |
| 42179-3 | D | 16-14 | .120-.180 | .250 | 14 | .032 | Steel | .375 | .865 | .678 | .312 |
| 42179-4 | D | 16-14 | .120-.180 | .250 | 14 | .032 | Steel/Tin | .375 | .865 | .678 | .312 |
| 42180-3 | D | 16-14 | .120-.180 | .265 | ¼ | .032 | Steel | .375 | .865 | .678 | .312 |
| 42180-4 | D | 16-14 | .120-.180 | .265 | ¼ | .032 | Steel/Tin | .375 | .865 | .678 | .312 |
| 42177-6 | D | 16-14 | .120-.180 | .197 | 10 | .031 | Steel/Pre-Nickel | .375 | .865 | .678 | .312 |
| 42175-1 | D | 16-14 | .120-.180 | .145 | 6 | .030 | Brass | .375 | .865 | .678 | .312 |
| 42175-2 | D | 16-14 | .120-.180 | .145 | 6 | .030 | Brass/Tin | .375 | .865 | .678 | .312 |
| 42176-1 | D | 16-14 | .120-.180 | .171 | 8 | .030 | Brass | .375 | .865 | .678 | .312 |
| 42176-2 | D | 16-14 | .120-.180 | .171 | 8 | .030 | Brass/Tin | .375 | .865 | .678 | .312 |
| 41017 | D | 16-14 | .120-.180 | .171 | 8 | .030 | Brass/Tin | .375 | .873 | .686 | .312 |
| 41163 | D | 16-14 | .120-.180 | .197 | 10 | .030 | Brass | .375 | .873 | .686 | .312 |
| 42177-1 | D | 16-14 | .120-.180 | .197 | 10 | .030 | Brass | .375 | .865 | .678 | .312 |
| 42177-2 | D | 16-14 | .120-.180 | .197 | 10 | .030 | Brass/Tin | .375 | .865 | .678 | .312 |
| 40994 | D | 16-14 | .120-.180 | .197 | 10 | .030 | Brass/Tin | .375 | .873 | .686 | .312 |
| 42178-1 | D | 16-14 | .120-.180 | .203 | — | .030 | Brass | .375 | .865 | .678 | .312 |
| 42178-2 | D | 16-14 | .120-.180 | .203 | — | .030 | Brass/Tin | .375 | .865 | .678 | .312 |
| 42179-1 | D | 16-14 | .120-.180 | .250 | 14 | .030 | Brass | .375 | .865 | .678 | .312 |
| 41032 | D | 16-14 | .120-.180 | .250 | 14 | .030 | Brass/Tin | .375 | .873 | .686 | .312 |
| 42179-2 | D | 16-14 | .120-.180 | .250 | 14 | .030 | Brass/Tin | .375 | .865 | .687 | .312 |
| 42180-1 | D | 16-14 | .120-.180 | .265 | ¼ | .030 | Brass | .375 | .865 | .678 | .312 |
| 42180-2 | D | 16-14 | .120-.180 | .265 | ¼ | .030 | Brass/Tin | .375 | .865 | .678 | .312 |
| 41415 | D | 16-14 | .120-.180 | .265 | ¼ | .030 | Brass/Tin | .375 | .873 | .686 | .312 |
| 42807-1 | D | 16-14 | .120-.180 | .150 | — | .020 | Steel/Pre-Nickel | .375 | .873 | .686 | .312 |
| 41294 | D | 16-14 | .120-.180 | .197 | 10 | .020 | Brass | .375 | .873 | .686 | .312 |
| 41632 | D | 16-14 | .120-.180 | .197 | 10 | .020 | Brass/Tin | .375 | .873 | .686 | .312 |
| 41205 | D | 16-14 | .120-.180 | .197 | 10 | .020 | Steel/Tin | .375 | .873 | .686 | .312 |
| 42807-2 | D | 16-14 | .120-.180 | .197 | 10 | .020 | Steel/Pre-Nickel | .375 | .873 | .686 | .312 |

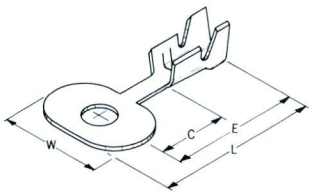
† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel

# OPEN BARREL
# RINGS AND SPADES

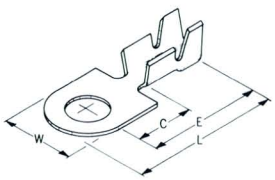
## RING TONGUE
(cont'd)



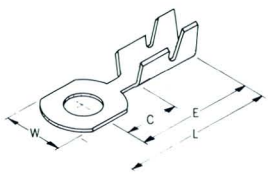

**D**
Wire Range: 26-10



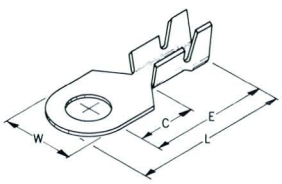

**E**
Wire Range: 20-18




**F**
Wire Range: 22-16




**G**
Wire Range: 20-16



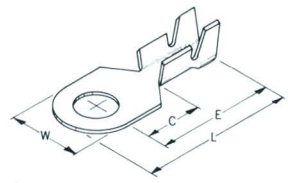

**H**
Wire Range: 14-6

### INSULATION SUPPORT (Cont'd)

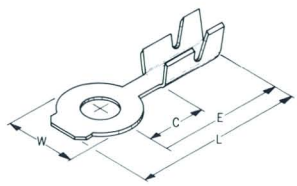
| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 41660-1 | D | 16-14 | .120-.180 | .240 | — | .020 | Brass/Tin | .375 | .873 | .686 | .312 |
| 41659 | D | 16-14 | .120-.180 | .265 | ¼ | .020 | Brass | .375 | .873 | .686 | .312 |
| 41660 | D | 16-14 | .120-.180 | .265 | ¼ | .020 | Brass/Tin | .375 | .873 | .686 | .312 |
| 61424-1 | D | 12-10 | .170-.210 | .145 | 6 | .040 | Brass/Tin | .343 | .912 | .750 | .344 |
| 42863-1 | D | 12-10 | .170-.210 | .171 | 8 | .040 | Brass | .343 | .912 | .750 | .344 |
| 42863-2 | D | 12-10 | .170-.210 | .171 | 8 | .040 | Brass/Tin | .343 | .912 | .750 | .344 |
| 42864-1 | D | 12-10 | .170-.210 | .197 | 10 | .040 | Brass | .343 | .912 | .750 | .344 |
| 42864-2 | D | 12-10 | .170-.210 | .197 | 10 | .040 | Brass/Tin | .343 | .912 | .750 | .344 |
| | | | | | | | | | | | |
| 60043-1 | E• | 20-18 | .060-.110 | .071 | — | .020 | Brass | .246 | .599 | .514 | .234 |
| 60043-2 | E• | 20-18 | .060-.110 | .071 | — | .020 | Brass/Tin | .246 | .599 | .514 | .234 |
| | | | | | | | | | | | |
| 42348-1 | F | 22-18 | .075-.120 | .171 | 8 | .020 | Brass | .285 | .610 | .468 | .218 |
| 42348-2 | F | 22-18 | .075-.120 | .171 | 8 | .020 | Brass/Tin | .285 | .610 | .468 | .218 |
| 42996-1 | F | 20-16 | .075-.120 | .189 | — | .030 | Brass | .270 | .603 | .468 | .218 |
| 42996-2 | F | 20-16 | .075-.120 | .189 | — | .030 | Brass/Tin | .270 | .603 | .468 | .218 |
| 60840-1 | F | 20-16 | .075-.120 | .078 | — | .020 | Brass | .270 | .603 | .468 | .218 |
| 61353-1 | F | 20-16 | .075-.120 | .145 | 6 | .020 | Brass/Tin | .270 | .603 | .468 | .218 |
| 40505 | F | 20-16 | .075-.120 | .171 | 8 | .020 | Brass | .270 | .603 | .468 | .218 |
| 40888 | F | 20-16 | .075-.120 | .171 | 8 | .020 | Brass/Tin | .270 | .603 | .468 | .218 |
| 41199 | F | 20-16 | .075-.120 | .171 | 8 | .020 | Steel/Pre-Nickel | .270 | .603 | .468 | .218 |
| 42062 | F | 20-16 | .075-.120 | .171 | 8 | .020 | Stainless Steel | .270 | .603 | .468 | .218 |
| 41852 | F | 20-16 | .075-.120 | .189 | — | .020 | Brass | .270 | .603 | .468 | .218 |
| 42901-1 | F | 20-16 | .075-.120 | .189 | — | .020 | Brass/Tin | .270 | .603 | .468 | .218 |
| | | | | | | | | | | | |
| 61655-1 | G | 20-16 | .075-.110 | .084 | — | .025 | Brass | .204 | .460 | .352 | .165 |
| 61906-1 | G | 20-16 | .075-.110 | .084 | — | .025 | Brass | .190 | .460 | .352 | .165 |
| 61734-1 | G | 20-16 | .075-.110 | .099 | — | .025 | Brass | .185 | .460 | .352 | .165 |
| 42065-0 | G | 20-16 | .075-.110 | .099 | — | .025 | Brass | .204 | .460 | .352 | .165 |
| 42065-3 | G | 20-16 | .075-.110 | .099 | — | .025 | Brass/Tin | .204 | .460 | .352 | .165 |
| 42065-1 | G | 20-16 | .075-.110 | .119 | 4 | .025 | Brass | .204 | .460 | .352 | .165 |
| 42065-4 | G | 20-16 | .075-.110 | .119 | 4 | .025 | Brass/Tin | .204 | .460 | .352 | .165 |
| 42065-2 | G | 20-16 | .075-.110 | .125 | — | .025 | Brass | .204 | .460 | .352 | .165 |
| 42065-5 | G | 20-16 | .075-.110 | .125 | — | .025 | Brass/Tin | .204 | .460 | .352 | .165 |
| | | | | | | | | | | | |
| 41601 | H | 14-12 | .170-.210 | .145 | 6 | .040 | Brass | .425 | .972 | .750 | .344 |
| 41602 | H | 14-12 | .170-.210 | .171 | 8 | .040 | Brass | .425 | .972 | .750 | .344 |
| 41603 | H | 14-12 | .170-.210 | .197 | 10 | .040 | Brass | .425 | .972 | .750 | .344 |
| 42639-1 | H | 14-12 | .170-.210 | .197 | 10 | .040 | Brass/Tin | .425 | .972 | .750 | .344 |
| 41604 | H | 14-12 | .170-.210 | .265 | ¼ | .040 | Brass | .425 | .972 | .750 | .344 |
| 42607-1 | H | 14-12 | .170-.210 | .265 | ¼ | .040 | Brass/Tin | .425 | .972 | .750 | .344 |
| 40604 | H | 14-12 | .130-.180 | .145 | 6 | .040 | Brass | .425 | .972 | .750 | .344 |
| 40605 | H | 14-12 | .130-.180 | .171 | 8 | .040 | Brass | .425 | .972 | .750 | .344 |
| 40605-1 | H | 14-12 | .130-.180 | .171 | 8 | .040 | Brass/Tin | .425 | .972 | .750 | .344 |
| 40606 | H | 14-12 | .130-.180 | .197 | 10 | .040 | Brass | .425 | .972 | .750 | .344 |
| 40960 | H | 14-12 | .130-.180 | .197 | 10 | .040 | Brass/Tin | .425 | .972 | .750 | .344 |
| 60401-1 | H | 14-12 | .130-.180 | .197 | 10 | .040 | Copper/Tin | .425 | .972 | .750 | .344 |

† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel

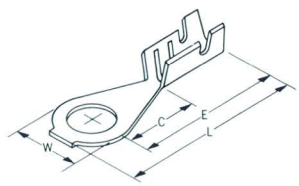
## RING TONGUE (cont'd)



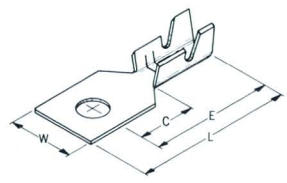

**H**
Wire Range: 14-6



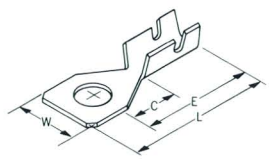

**J**
Wire Range: 20-18




**K**
Wire Range: 24-20




**L**
Wire Range: 26-16




**M**
Wire Range: 26-20

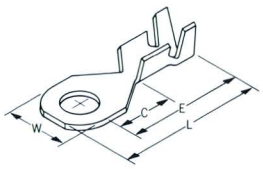
## INSULATION SUPPORT (Cont'd)

| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 40609 | H | 14-12 | .130-.180 | .265 | ¼ | .040 | Brass | .425 | .972 | .750 | .344 |
| 40973 | H | 14-12 | .130-.180 | .265 | ¼ | .040 | Brass/Tin | .425 | .972 | .750 | .344 |
| 60485-1 | H | 14-12 | .150-.210 | .197 | 10 | .030 | Brass/Tin | .425 | .972 | .750 | .344 |
| 60485-2 | H | 14-12 | .150-.210 | .197 | 10 | .030 | Steel/Nickel | .425 | .972 | .750 | .344 |
| 42181-1 | H | 10-8 | .190-.230 | .145 | 6 | .040 | Brass | .425 | .972 | .750 | .344 |
| 42181-2 | H | 10-8 | .190-.230 | .145 | 6 | .040 | Brass/Tin | .425 | .972 | .750 | .344 |
| 42182-1 | H | 10-8 | .190-.230 | .171 | 8 | .040 | Brass | .425 | .972 | .750 | .344 |
| 42182-2 | H | 10-8 | .190-.230 | .171 | 8 | .040 | Brass/Tin | .425 | .972 | .750 | .344 |
| 42183-1 | H | 10-8 | .190-.230 | .197 | 10 | .040 | Brass | .425 | .972 | .750 | .344 |
| 42183-2 | H | 10-8 | .190-.230 | .197 | 10 | .040 | Brass/Tin | .425 | .972 | .750 | .344 |
| 42183-3 | H | 10-8 | .190-.230 | .197 | 10 | .040 | Copper/Tin | .425 | .972 | .750 | .344 |
| 42184-1 | H | 10-8 | .190-.230 | .265 | ¼ | .040 | Brass | .425 | .972 | .750 | .344 |
| 42184-2 | H | 10-8 | .190-.230 | .265 | ¼ | .040 | Brass/Tin | .425 | .972 | .750 | .344 |
| 42184-3 | H | 10-8 | .190-.230 | .265 | ¼ | .040 | Copper/Tin | .425 | .972 | .750 | .344 |
| 41807 | H | 10-8 | .220-.315 | .171 | 8 | .050 | Copper/Tin | .550 | 1.105 | .830 | .350 |
| 41808 | H | 10-8 | .220-.315 | .197 | 10 | .050 | Copper/Tin | .550 | 1.105 | .830 | .350 |
| 41809 | H | 10-8 | .220-.315 | .265 | ¼ | .050 | Copper/Tin | .550 | 1.105 | .830 | .350 |
| 60796-1 | H | 10-8 | .220-.315 | .328 | 5/16 | .050 | Brass/Tin | .550 | 1.105 | .830 | .350 |
| 61352-1 | H | 10-6 | .220-.315 | .197 | 10 | .040 | Brass/Tin | .550 | 1.105 | .830 | .350 |
| 42899-1 | H | 10-6 | .220-.315 | .265 | ¼ | .040 | Brass | .550 | 1.105 | .830 | .350 |
| 42899-2 | H | 10-6 | .220-.315 | .265 | ¼ | .040 | Brass/Tin | .550 | 1.105 | .830 | .350 |
| 42913-1 | H | 10-6 | .220-.315 | .328 | 5/16 | .040 | Brass | .550 | 1.105 | .830 | .350 |
| 42913-2 | H | 10-6 | .220-.315 | .328 | 5/16 | .040 | Brass/Tin | .550 | 1.105 | .830 | .350 |
| 42900-1 | H | 10-6 | .220-.315 | .390 | ⅜ | .040 | Brass | .550 | 1.105 | .830 | .350 |
| 42900-2 | H | 10-6 | .220-.315 | .390 | ⅜ | .040 | Brass/Tin | .550 | 1.105 | .830 | .350 |
| 42266-1 | J | 20-18 | .075-.100 | .086 | — | .020 | Brass | .250 | .588 | .468 | .238 |
| 42266-2 | J | 20-18 | .075-.100 | .086 | — | .020 | Brass/Tin | .250 | .588 | .468 | .238 |
| 60556-1 | K• | 24-20 | .048-.078 | .119 | 4 | .014 | Brass/Tin | .187 | .573 | .447 | .220 |
| 60968-1 | L• | 26-20 | .048-.078 | .093 | — | .020 | Brass/Tin | .182 | .626 | .452 | .245 |
| 41591 | L• | 24-20 | .080-.100 | .119 | 4 | .020 | Brass | .290 | .735 | .490 | .250 |
| 41595 | L• | 24-20 | .080-.100 | .119 | 4 | .020 | Brass/Tin | .290 | .735 | .490 | .250 |
| 41592 | L• | 24-20 | .080-.100 | .145 | 6 | .020 | Brass | .290 | .735 | .490 | .250 |
| 41596 | L• | 24-20 | .080-.100 | .145 | 6 | .020 | Brass/Tin | .290 | .735 | .490 | .250 |
| 41593 | L• | 24-20 | .080-.100 | .171 | 8 | .020 | Brass | .290 | .735 | .490 | .250 |
| 41597 | L• | 24-20 | .080-.100 | .171 | 8 | .020 | Brass/Tin | .290 | .735 | .490 | .250 |
| 41594 | L• | 24-20 | .080-.100 | .197 | 10 | .020 | Brass | .290 | .735 | .490 | .250 |
| 41598 | L• | 24-20 | .080-.100 | .197 | 10 | .020 | Brass/Tin | .290 | .735 | .490 | .250 |
| 640082-1 | L | 20-16 | .080-.120 | .094 | — | .020 | Steel/Nickel | .256 | .935 | .748 | .437 |
| 60123-1 | M• | 26-20 | .048-.078 | .142 | — | .020 | Brass | .250 | .565 | .444 | .237 |
| 60123-2 | M• | 26-20 | .048-.078 | .142 | — | .020 | Brass/Tin | .250 | .565 | .444 | .237 |
| 61272-1 | M• | 26-20 | .048-.078 | .155 | — | .020 | Brass | .250 | .626 | .444 | .237 |
| 61432-1 | M• | 24-20 | .048-.086 | .130 | — | .014 | Brass | .250 | .550 | .444 | .237 |
| 61432-2 | M• | 24-20 | .048-.086 | .130 | — | .014 | Brass/Tin | .250 | .550 | .444 | .237 |
| 60302-1 | M• | 24-20 | .048-.086 | .142 | — | .014 | Brass | .250 | .565 | .444 | .237 |

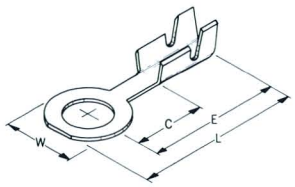
† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel

# OPEN BARREL
# RINGS AND SPADES

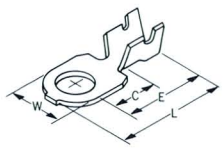
## RING TONGUE
(cont'd)



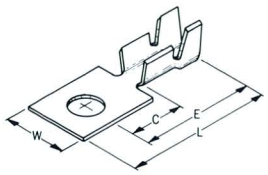

**N**
Wire Range: 24-10



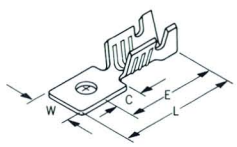

**P**
Wire Range: 20-16




**Q**
Wire Range: 10-8




**R**
Wire Range: 20-18

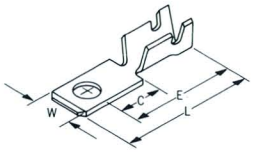



**S**
Wire Range: 26-24

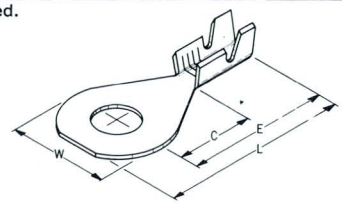
### INSULATION SUPPORT (Cont'd)

| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | W | L | E | C |
| 485035-1† | N• | 24-20 | .050-.100 | .145 | 6 | .020 | Brass/Tin | .285 | .605 | .470 | .220 |
| 485036-1† | N• | 24-20 | .050-.100 | .197 | 10 | .020 | Brass/Tin | .375 | .650 | .470 | .220 |
| 485037-1† | N• | 24-20 | .050-.100 | .265 | ¼ | .020 | Brass/Tin | .470 | .815 | .590 | .340 |
| 485038-1† | N• | 24-20 | .050-.100 | .328 | 5/16 | .020 | Brass/Tin | .470 | .815 | .590 | .340 |
| 485027-1† | N• | 18-14 | .085-.140 | .145 | 6 | .025 | Brass/Tin | .285 | .730 | .585 | .220 |
| 485028-1† | N• | 18-14 | .085-.140 | .197 | 10 | .025 | Brass/Tin | .375 | .765 | .585 | .220 |
| 485029-1† | N• | 18-14 | .085-.140 | .265 | ¼ | .025 | Brass/Tin | .470 | .930 | .705 | .340 |
| 485030-1† | N• | 18-14 | .085-.140 | .328 | 5/16 | .025 | Brass/Tin | .470 | .930 | .705 | .340 |
| 485023-1† | N• | 12-10 | .125-.220 | .197 | 10 | .030 | Brass/Tin | .375 | .830 | .650 | .220 |
| 485021-1† | N• | 12-10 | .125-.220 | .265 | ¼ | .030 | Brass/Tin | .470 | .995 | .770 | .340 |
| 485022-1† | N• | 12-10 | .125-.220 | .328 | 5/16 | .030 | Brass/Tin | .470 | .995 | .770 | .340 |
| 61764-1 | P | 20-16 | .090-.120 | .145 | 6 | .025 | Brass | .230 | .459 | .352 | .165 |
| 61386-1 | P | 20-16 | .100-.135 | .119 | 4 | .025 | Brass/Tin | .230 | .459 | .352 | .165 |
| 60735-1 | P | 20-16 | .100-.135 | .145 | 6 | .025 | Brass | .230 | .459 | .352 | .165 |
| 60735-2 | P | 20-16 | .100-.135 | .145 | 6 | .025 | Brass/Tin | .230 | .459 | .352 | .165 |
| 41605 | Q | 10-8 | .210-.315 | .145 | 6 | .040 | Brass | .425 | .962 | .750 | .344 |
| 41606 | Q | 10-8 | .210-.315 | .171 | 8 | .040 | Brass | .425 | .962 | .750 | .344 |
| 41607 | Q | 10-8 | .210-.315 | .197 | 10 | .040 | Brass | .425 | .962 | .750 | .344 |
| 41607-1 | Q | 10-8 | .210-.315 | .197 | 10 | .040 | Brass/Tin | .425 | .962 | .750 | .344 |
| 41608 | Q | 10-8 | .210-.315 | .265 | ¼ | .040 | Brass | .425 | .962 | .750 | .344 |
| 61032-1 | R | 20-18 | .080-.110 | .119 | 4 | .032 | Brass | .248 | .620 | .520 | .250 |
| 61652-1 | S• | 26-24 | .035-.065 | .065 | — | .013 | Brass | .156 | .375 | .295 | .109 |
| 61653-1 | S• | 26-24 | .035-.065 | .094 | — | .013 | Brass | .156 | .375 | .295 | .109 |
| 42171-1 | T• | 18-14 | .120-.170 | .130 | — | .032 | Brass | .250 | .805 | .645 | .250 |
| 42171-2 | T• | 18-14 | .120-.170 | .130 | — | .032 | Brass/Tin | .250 | .805 | .645 | .250 |
| 61856-1† | U• | 20-18 | .070-.100 | .197 | 10 | .030 | Brass/Tin | .375 | .930 | .750 | .400 |
| 350179-1† | U• | 18-14 | .080-.150 | .560 | — | .050 | Copper/Tin | .850 | 1.450 | 1.030 | .680 |
| 61867-1† | U• | 18-14 | .090-.150 | .265 | ¼ | .030 | Brass/Tin | .490 | 1.050 | .810 | .460 |
| 61864-1† | U• | 18-14 | .090-.150 | .390 | 3/8 | .030 | Brass/Tin | .688 | 1.370 | 1.030 | .680 |
| 61863-1† | U• | 18-14 | .090-.150 | .515 | ½ | .030 | Brass/Tin | .850 | 1.450 | 1.030 | .680 |
| 60652-1† | U | 18-14 | .100-.140 | .197 | 10 | .030 | Stainless Steel | .342 | .783 | .612 | .312 |
| 61871-1† | U• | 16-14 | .120-.180 | .145 | 6 | .030 | Brass/Tin | .375 | .930 | .750 | .400 |
| 61869-1† | U• | 16-14 | .120-.180 | .197 | 10 | .030 | Brass/Tin | .375 | .930 | .750 | .400 |
| 61870-1† | U• | 12-10 | .135-.220 | .171 | 8 | .030 | Brass/Tin | .375 | .990 | .810 | .400 |
| 61865-1† | U• | 12-10 | .135-.220 | .197 | 10 | .030 | Brass/Tin | .375 | .990 | .810 | .400 |

† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel

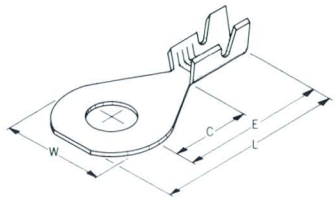



**T**
Wire Range: 18-14

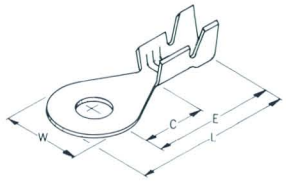



**U**
Wire Range: 20-6

## RING TONGUE (cont'd)




**U**
Wire Range: 20-6




**V**
Wire Range: 24-8

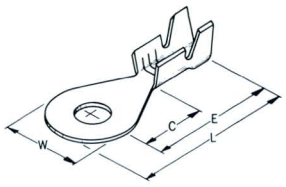
### INSULATION SUPPORT (Cont'd)

| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 61872-1† | U• | 12-10 | .135-.220 | .265 | ¼ | .040 | Brass/Tin | .490 | 1.110 | .870 | .460 |
| 61860-1† | U• | 12-10 | .135-.220 | .515 | ½ | .040 | Brass/Tin | .850 | 1.510 | 1.090 | .680 |
| 61861-1† | U• | 12-8 | .135-.220 | .390 | ⅜ | .040 | Brass/Tin | .688 | 1.430 | 1.090 | .680 |
| 61866-1† | U• | 10-6 | .170-.290 | .197 | 10 | .040 | Brass/Tin | .375 | .992 | .810 | .400 |
| 61868-1† | U• | 10-6 | .170-.290 | .265 | ¼ | .040 | Brass/Tin | .490 | 1.110 | .870 | .460 |
| 61862-1† | U• | 10-6 | .170-.290 | .390 | ⅜ | .040 | Brass/Tin | .688 | 1.430 | 1.090 | .680 |
| 61903-1† | U• | 10-6 | .170-.290 | .515 | ½ | .040 | Brass/Tin | .850 | 1.510 | 1.090 | .680 |
| 42163-1 | V• | 24-20 | .048-.078 | .145 | 6 | .020 | Brass | .312 | .768 | .612 | .405 |
| 42163-2 | V• | 24-20 | .048-.078 | .145 | 6 | .020 | Brass/Tin | .312 | .768 | .612 | .405 |
| 42508-1 | V• | 24-20 | .048-.078 | .171 | 8 | .020 | Brass | .312 | .768 | .612 | .405 |
| 42508-2 | V• | 24-20 | .048-.078 | .171 | 8 | .020 | Brass/Tin | .312 | .768 | .612 | .405 |
| 60506-1 | V• | 24-20 | .048-.078 | .171 | 8 | .020 | Brass/Tin | .406 | .815 | .612 | .405 |
| 42164-1 | V• | 24-20 | .048-.078 | .197 | 10 | .020 | Brass | .312 | .768 | .612 | .405 |
| 42164-2 | V• | 24-20 | .048-.078 | .197 | 10 | .020 | Brass/Tin | .312 | .768 | .612 | .405 |
| 42871-1 | V• | 24-20 | .048-.078 | .223 | 12 | .020 | Brass | .312 | .768 | .612 | .405 |
| 60070-1 | V | 20-16 | .100-.140 | .145 | 6 | .030 | Brass | .342 | .783 | .612 | .312 |
| 42933-1 | V• | 20-16 | .100-.140 | .145 | 6 | .030 | Brass | .342 | .764 | .593 | .305 |
| 42933-2 | V• | 20-16 | .100-.140 | .145 | 6 | .030 | Brass/Tin | .342 | .764 | .593 | .305 |
| 41733 | V | 20-16 | .100-.140 | .145 | 6 | .030 | Brass/Tin | .342 | .783 | .612 | .312 |
| 42934-1 | V• | 20-16 | .100-.140 | .171 | 8 | .030 | Brass | .342 | .764 | .593 | .305 |
| 42934-2 | V• | 20-16 | .100-.140 | .171 | 8 | .030 | Brass/Tin | .342 | .764 | .593 | .305 |
| 41456 | V | 20-16 | .100-.140 | .171 | 8 | .030 | Brass/Tin | .342 | .783 | .612 | .312 |
| 41350 | V | 20-16 | .100-.140 | .197 | 10 | .030 | Brass | .342 | .783 | .612 | .312 |
| 42842-1 | V• | 20-16 | .100-.140 | .197 | 10 | .030 | Brass | .342 | .764 | .593 | .305 |
| 42842-2 | V• | 20-16 | .100-.140 | .197 | 10 | .030 | Brass/Tin | .342 | .764 | .593 | .305 |
| 40955 | V | 20-16 | .100-.140 | .197 | 10 | .030 | Brass/Tin | .342 | .783 | .612 | .312 |
| 41566 | V | 20-16 | .100-.140 | .223 | 12 | .030 | Brass | .342 | .783 | .612 | .312 |
| 41567 | V | 20-16 | .100-.140 | .223 | 12 | .030 | Brass/Tin | .342 | .783 | .612 | .312 |
| **640187-1** | **V** | **20-16** | **.100-.140** | **.230** | **—** | **.030** | **Brass/Tin** | **.342** | **.784** | **.612** | **.312** |
| 60392-1 | V• | 20-16 | .100-.140 | .145 | 6 | .020 | Brass | .342 | .764 | .593 | .305 |
| 60393-1 | V• | 20-16 | .100-.140 | .171 | 8 | .020 | Brass | .342 | .764 | .593 | .305 |
| 60394-1 | V• | 20-16 | .100-.140 | .197 | 10 | .020 | Brass | .342 | .764 | .593 | .305 |
| 42842-3 | V• | 20-16 | .100-.140 | .197 | 10 | .020 | Brass/Silver | .342 | .764 | .593 | .305 |
| 485006-1 | V | 18-14 | .090-.145 | .390 | ⅜ | .025 | Steel/Pre-Tin | .687 | 1.245 | .908 | .500 |
| **350500-1** | **V** | **18-14** | **.090-.145** | **.430** | **—** | **.025** | **Brass** | **.687** | **1.245** | **.908** | **.500** |
| 61777-1 | V | 18-14 | .090-.145 | .515 | ½ | .025 | Steel/Pre-Tin | .687 | 1.245 | .908 | .500 |
| 61551-1 | V | 18-14 | .100-.140 | .145 | 6 | .020 | Brass/Tin | .342 | .833 | .662 | .312 |
| 60770-1 | V• | 18-14 | .100-.140 | .145 | 6 | .018 | Brass | .295 | .734 | .587 | .282 |
| 60770-2 | V• | 18-14 | .100-.140 | .145 | 6 | .018 | Brass/Tin | .295 | .735 | .587 | .282 |
| 60771-1 | V• | 18-14 | .100-.140 | .171 | 8 | .018 | Brass | .295 | .734 | .587 | .282 |
| 60771-2 | V• | 18-14 | .100-.140 | .171 | 8 | .018 | Brass/Tin | .295 | .735 | .587 | .282 |
| 60772-1 | V• | 18-14 | .100-.140 | .197 | 10 | .018 | Brass | .295 | .734 | .587 | .282 |
| 60772-2 | V• | 18-14 | .100-.140 | .197 | 10 | .018 | Brass/Tin | .295 | .734 | .587 | .282 |
| 60303-1 | V | 18-14 | .100-.140 | .145 | 6 | .020 | Steel/Pre-Nickel | .342 | .783 | .612 | .305 |
| 41551 | V | 18-14 | .100-.140 | .145 | 6 | .020 | Stainless Steel | .342 | .783 | .612 | .305 |
| 41682 | V | 18-14 | .100-.140 | .171 | 8 | .020 | Stainless Steel | .342 | .783 | .612 | .305 |
| 60235-1 | V | 18-14 | .100-.140 | .197 | 10 | .020 | Brass | .342 | .783 | .612 | .305 |
| 60235-2 | V | 18-14 | .100-.140 | .197 | 10 | .020 | Brass/Tin | .342 | .783 | .612 | .305 |
| 60235-3 | V | 18-14 | .100-.140 | .197 | 10 | .020 | Steel/Pre-Nickel | .342 | .783 | .612 | .305 |

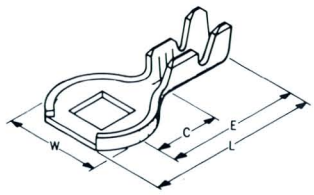
† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel

# OPEN BARREL
# RINGS AND SPADES

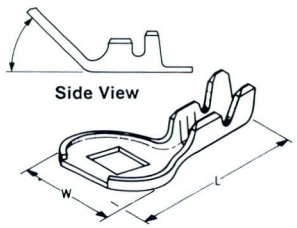
## RING TONGUE
(cont'd)



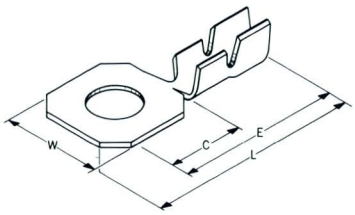

**V**
Wire Range: 24-8



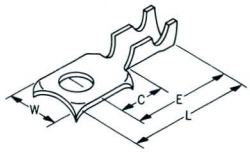

**W**
Wire Range: 18-14




**WI**
Wire Range: 18-14




**X**
Wire Range: 26-20

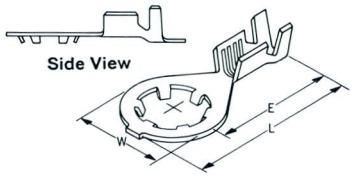



**Y**
Wire Range: 18-14

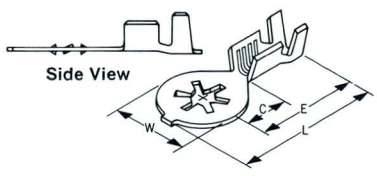
## INSULATION SUPPORT (Cont'd)

| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 41683 | V | 18-14 | .100-.140 | .197 | 10 | .020 | Stainless Steel | .342 | .783 | .612 | .305 |
| 640210-1 | V | 18-14 | .100-.140 | .265 | — | .020 | Brass | .342 | .783 | .612 | .305 |
| 61336-1 | V | 16-14 | .120-.180 | .390 | ⅜ | .040 | Brass/Tin | .687 | 1.245 | .906 | .500 |
| 61337-1 | V | 16-14 | .120-.180 | .515 | ½ | .040 | Brass/Tin | .687 | 1.245 | .906 | .500 |
| 61288-1 | V | 12-8 | .150-.220 | .265 | ¼ | .040 | Brass/Tin | .687 | 1.245 | .906 | .500 |
| 42946-1 | V | 12-8 | .150-.220 | .344 | — | .040 | Brass | .687 | 1.249 | .906 | .500 |
| 42946-2 | V | 12-8 | .150-.220 | .344 | — | .040 | Brass/Tin | .687 | 1.249 | .906 | .500 |
| 61289-1 | V | 12-8 | .150-.220 | .390 | ⅜ | .040 | Brass/Tin | .687 | 1.245 | .906 | .500 |
| 42947-1 | V | 12-8 | .150-.220 | .405 | — | .040 | Brass | .687 | 1.249 | .906 | .500 |
| 42947-2 | V | 12-8 | .150-.220 | .405 | — | .040 | Brass/Tin | .687 | 1.249 | .906 | .500 |
| 61290-1 | V | 12-8 | .150-.220 | .515 | ½ | .040 | Brass/Tin | .687 | 1.245 | .906 | .500 |
| 61055-1† | W• | 18-14 | .080-.120 | .205 Sq. | — | .031 | Copper/Tin | .490 | .800 | .613 | .333 |
| 61051-1† | W• | 18-14 | .120-.180 | .205 Sq. | — | .031 | Copper/Tin | .490 | .800 | .613 | .333 |
| 61056-1† | WI• | 18-14 | .080-.120 | .205 x .205 | — | .031 | Copper/Tin | .490 | Max. .710 | Tongue bent 45° | |
| 61052-1† | WI• | 18-14 | .120-.180 | .205 x .205 | — | .031 | Copper/Tin | .490 | Max. .710 | Tongue bent 45° | |
| 61261-1† | WI• | 18-14 | .120-.180 | .205 x .205 | — | .031 | Copper/Tin | .490 | Max. .660 | Tongue bent 70° | |
| 42116-1 | X | 26-20 | .050-.060 | .090 | — | .012 | Brass | .156 | .490 | .405 | .102 |
| 42116-2 | X | 26-20 | .050-.060 | .090 | — | .012 | Brass/Tin | .156 | .490 | .405 | .102 |
| 61359-1 | Y | 18-14 | .090-.140 | .328 | 5/16 | .030 | Steel/Tin | .592 | 1.150 | .930 | .615 |
| 61588-1* | Z• | 22-16 | .100-.140 | Special .145 | — | .025 | Brass/Tin | .370 | .772 | .587 | .282 |
| 61436-1* | Z• | 22-16 | .100-.140 | Special .177 | — | .025 | Brass | .370 | .772 | .587 | .282 |
| 61556-1* | Z• | 22-16 | .100-.140 | Special .177 | — | .025 | Steel/Tin | .370 | .772 | .587 | .282 |
| 61283-1** | Z• | 22-16 | .100-.140 | Special .177 | — | .025 | Brass/Tin | .455 | .805 | .587 | .282 |
| 350509-1 | Z• | 22-16 | .105 Max. | Special .177 | — | .025 | Brass | .370 | .772 | .587 | .282 |
| 61624-1* | Z• | 16-12 | .130-.170 | .177 | — | .025 | Brass | .370 | .772 | .587 | .282 |
| 61793-1 | AA• | 18-14 | .105-.145 | .147 | — | .025 | Steel/Tin | .370 | .772 | .587 | .282 |
| 61794-1 | AA• | 18-14 | .105-.145 | .173 | — | .025 | Steel/Tin | .370 | .772 | .587 | .282 |
| 640051-1 | AA• | 18-14 | .105-.145 | .173 | — | .024 | Stainless Steel | .370 | .772 | .587 | .282 |
| 350436-2 | AA• | 18-14 | .105-.145 | .204 | — | .025 | Steel/Tin | .370 | .772 | .587 | .282 |
| 61795-1 | AA• | 18-14 | .105-.145 | .204 | — | .025 | Steel/Tin | .445 | .772 | .587 | .282 |

*Five Teeth
**Six Teeth
† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel



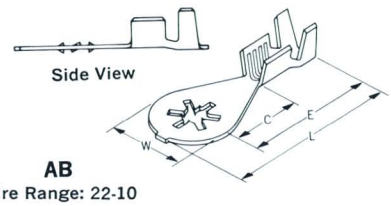

**Z**
Wire Range: 22-12



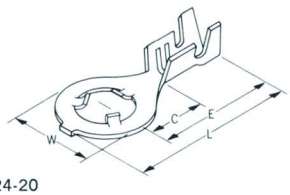

**AA**
Wire Range: 18-14

# OPEN BARREL
# RINGS AND SPADES

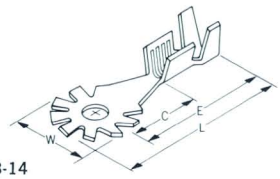
## RING TONGUE (cont'd)



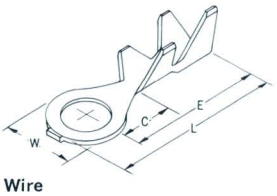

**AB**
Wire Range: 22-10



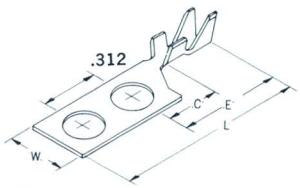

**AC**
Wire Range: 24-20



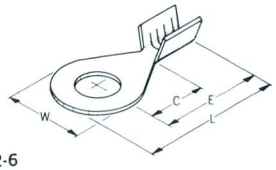

**AD**
Wire Range: 18-14



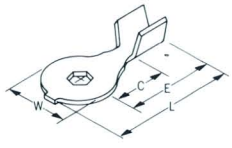

**AE**
.060 Dia. Heater Wire



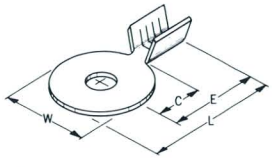

**AF**
Wire Range: 26-22




**A**
Wire Range: 22-6




**AI**
Wire Range: 20-16




**B**
Wire Range: 28-14

## INSULATION SUPPORT (Cont'd)

| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 640204 | AB• | 22-18 | .080-.120 | .173 | — | .025 | Steel/Tin | .370 | .772 | .587 | .282 |
| 485061-1 | AB• | 18-14 | .105-.145 | .147 | — | .025 | Steel/Tin | .370 | .915 | .730 | .380 |
| 485060-1 | AB• | 18-14 | .105-.145 | .173 | — | .025 | Steel/Tin | .370 | .915 | .730 | .380 |
| 485062-1 | AB• | 18-14 | .105-.145 | .173 | — | .025 | Steel/Tin | .370 | .915 | .730 | .380 |
| 640005-1† | AB• | 12-10 | .125-.220 | .173 | — | .029 | Stainless Steel | .470 | .995 | .770 | .340 |
| 640019-1† | AB• | 12-10 | .125-.220 | .204 | — | .029 | Stainless Steel | .470 | .995 | .770 | .340 |
| 61705-1 | AC• | 24-20 or (2) 24 | .045-.080 or (2) .045 Max. | Special .197 | 10 | .014 | Brass/Tin | .375 | .634 | .447 | .250 |
| 350080-1† | AD• | 18-14 | .085-.140 | .197 | 10 | .025 | Steel/Tin | — | .940 | .705 | .340 |
| 350080-2† | AD• | 18-14 | .085-.140 | .197 | 10 | .025 | Steel/Tin (Heat Treat) | — | .940 | .705 | .340 |
| 350409-1 | AE | .060 Dia. Heater Wire | .125-.165 | .171 | — | .020 | Steel/ Pre-Nickel | .300 | .700 | .550 | .230 |
| 350340-1† | AF | 26-22 | .035-.045 | (2) .197 | — | .020 | Brass | .312 | .970 | .501 | .281 |

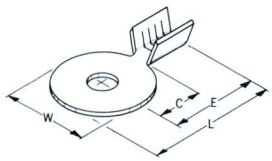
## NON-INSULATION SUPPORT

| CATALOG NUMBER | TYPE | WIRE RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|
| 41136† | A | 22-16 | .171 | 8 | .031 | Copper/Tin | .312 | .594 | .437 | .281 |
| 41538† | A | 22-16 | .197 | 10 | .031 | Copper/Tin | .312 | .594 | .437 | .281 |
| 41295† | A• | 22-16 | .197 | 10 | .030 | Copper/Tin | .468 | .832 | .598 | .437 |
| 41468† | A• | 22-16 | .220 | — | .030 | Copper/Tin | .468 | .832 | .598 | .437 |
| 41357† | A• | 22-16 | .265 | ¼ | .030 | Brass | .468 | .832 | .598 | .437 |
| 41342† | A• | 22-16 | .265 | ¼ | .030 | Brass/Tin | .468 | .832 | .598 | .437 |
| 41135† | A• | 22-16 | .265 | ¼ | .030 | Copper/Tin | .468 | .832 | .598 | .437 |
| 42150-1† | A• | 22-16 | .317 | — | .030 | Brass | .468 | .832 | .598 | .437 |
| 42150-2† | A• | 22-16 | .317 | — | .030 | Brass/Tin | .468 | .832 | .598 | .437 |
| 42150-3† | A• | 22-16 | .317 | — | .030 | Steel/Tin | .468 | .832 | .598 | .437 |
| 41251† | A• | 22-16 | .317 | — | .030 | Copper/Tin | .468 | .832 | .598 | .437 |
| 60639-1 | A | 20-16 | .093 | 2 | .030 | Brass/Tin | .218 | .432 | .330 | .167 |
| 60507-1 | A | 20-16 | .096 | — | .030 | Brass/Tin | .218 | .432 | .330 | .167 |
| 40975 | A | 20-16 | .119 | 4 | .030 | Brass/Tin | .218 | .432 | .330 | .167 |
| 42243-1 | A | 20-16 | .129 | — | .030 | Brass | .218 | .432 | .330 | .167 |
| 42243-2 | A | 20-16 | .129 | — | .030 | Brass/Tin | .218 | .432 | .330 | .167 |
| 40508 | A | 20-16 | .145 | 6 | .030 | Brass | .218 | .432 | .330 | .167 |
| 40976 | A | 20-16 | .145 | 6 | .030 | Brass/Tin | .218 | .432 | .330 | .167 |
| 41866 | A | 20-16 | .145 | 6 | .031 | Copper/Tin | .218 | .432 | .330 | .167 |
| 485015-1 | A | 10-6 | .197 | 10 | .050 | Brass/Tin | .550 | 1.105 | .830 | .500 |
| 61546-1 | A | 10-6 | .328 | 5/16 | .050 | Brass/Tin | .550 | 1.105 | .830 | .500 |
| 60048-1 | AI | 20-16 | .078 Hex | — | .030 | Copper/Tin | .218 | .432 | .323 | .167 |
| 61619-1 | B | 28-26 | .070 | — | .012 | Brass/Tin | .150 | .215 | .140 | .080 |
| 61913-1 | B | 28-26 | .095 | — | .012 | Brass/Tin | .150 | .215 | .140 | .080 |
| 40776-1 | B• | 20-16 | .070 | — | .020 | Steel/Nickel | .175 | .360 | .270 | .125 |
| 40776 | B• | 20-16 | .070 | — | .020 | Brass | .175 | .360 | .270 | .125 |
| 40817 | B• | 20-16 | .070 | — | .020 | Brass/Tin | .175 | .360 | .270 | .125 |
| 42118-1 | B• | 20-16 | .070 | — | .020 | Copper/Tin | .175 | .360 | .270 | .125 |
| 40775 | B | 20-16 | .076 | — | .020 | Stainless Steel | .234 | .331 | .234 | .129 |
| 34572 | B | 20-16 | .078 | — | .020 | Brass | .270 | .405 | .270 | .145 |
| 40746 | B | 20-16 | .078 | — | .020 | Brass | .260 | .400 | .270 | .145 |
| 42466-1 | B• | 20-16 | .078 | — | .020 | Brass | .270 | .405 | .270 | .145 |
| 42466-2 | B• | 20-16 | .078 | — | .020 | Brass/Tin | .270 | .405 | .270 | .145 |

† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel

# OPEN BARREL
# RINGS AND SPADES

## RING TONGUE
(cont'd)



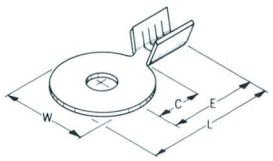

**B**
Wire Range: 28-14

### NON-INSULATION SUPPORT (Cont'd)

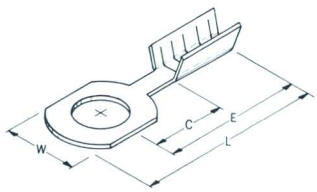
| CATALOG NUMBER | TYPE | WIRE RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|
| 40668 | B• | 20-16 | .096 | — | .020 | Brass | .175 | .360 | .270 | .125 |
| 40816 | B• | 20-16 | .096 | — | .020 | Brass/Tin | .175 | .360 | .270 | .125 |
| 41555 | B• | 20-16 | .096 | — | .020 | Brass/Silver | .175 | .360 | .270 | .125 |
| 42118-2 | B• | 20-16 | .096 | — | .020 | Copper/Tin | .175 | .360 | .270 | .125 |
| 41266 | B | 20-16 | .100 | — | .020 | Brass/Tin | .260 | .400 | .270 | .145 |
| 42356-1 | B | 20-16 | .100 | — | .020 | Steel/Pre-Nickel | .260 | .400 | .270 | .145 |
| 34533 | B• | 20-16 | .106 | — | .020 | Brass | .175 | .360 | .270 | .125 |
| 40815 | B• | 20-16 | .106 | — | .020 | Brass/Tin | .175 | .360 | .270 | .125 |
| 42118-3 | B• | 20-16 | .106 | — | .020 | Copper/Tin | .175 | .360 | .270 | .125 |
| 40747 | B | 20-16 | .119 | 4 | .020 | Brass | .260 | .400 | .270 | .145 |
| 40777 | B• | 20-16 | .119 | 4 | .020 | Brass | .175 | .360 | .270 | .125 |
| 40810 | B | 20-16 | .119 | 4 | .020 | Brass/Tin | .260 | .400 | .270 | .145 |
| 40818 | B• | 20-16 | .119 | 4 | .020 | Brass/Tin | .175 | .360 | .270 | .125 |
| 42118-4 | B• | 20-16 | .119 | 4 | .020 | Copper/Tin | .175 | .360 | .270 | .125 |
| 61146-1 | B• | 20-16 | .119 | 4 | .020 | Brass/Tin | .175 | .360 | .270 | .125 |
| 34578 | B | 20-16 | .130 | — | .020 | Brass | .234 | .331 | .234 | .129 |
| 40884 | B | 20-16 | .130 | — | .020 | Brass/Tin | .234 | .331 | .234 | .129 |
| 41869 | B | 20-16 | .130 | — | .020 | Steel/Pre-Nickel | .234 | .331 | .234 | .129 |
| 40748 | B | 20-16 | .145 | 6 | .020 | Brass | .260 | .400 | .270 | .145 |
| 40811 | B | 20-16 | .145 | 6 | .020 | Brass/Tin | .260 | .400 | .270 | .145 |
| 40892 | B | 20-16 | .145 | 6 | .020 | Steel/Nickel | .262 | .400 | .270 | .145 |
| 40878 | B | 20-16 | .145 | 6 | .020 | Stainless Steel | .262 | .400 | .270 | .145 |
| 41524 | B | 20-16 | .148 | — | .020 | Brass | .234 | .331 | .234 | .129 |
| 41319 | B | 20-16 | .148 | — | .020 | Brass/Tin | .234 | .331 | .234 | .129 |
| 42854-1 | B | 20-16 | .158 | — | .020 | Steel/Pre-Nickel | .262 | .400 | .270 | .145 |
| 40749 | B | 20-16 | .171 | 8 | .020 | Brass | .260 | .400 | .270 | .145 |
| 40812 | B | 20-16 | .171 | 8 | .020 | Brass/Tin | .260 | .400 | .270 | .145 |
| 41025 | B | 20-16 | .171 | 8 | .020 | Steel/Pre-Nickel | .262 | .400 | .270 | .145 |
| 60146-1 | B• | 20-16 | .184 | — | .020 | Brass | .270 | .405 | .270 | .145 |
| 60146-2 | B• | 20-16 | .184 | — | .020 | Brass/Tin | .270 | .405 | .270 | .145 |
| 40702 | B | 20-14 | .145 | 6 | .020 | Brass | .250 | .395 | .285 | .160 |
| 42202-2 | B | 20-14 | .145 | 6 | .020 | Brass/Silver | .250 | .395 | .285 | .160 |
| 60283-1 | B | 18-16 | .095 | — | .020 | Brass | .320 | .445 | .285 | .160 |
| 61852-1 | B | 18-16 | .101 | — | .020 | Steel/Nickel | .320 | .445 | .285 | .160 |
| 40918 | B | 18-16 | .145 | 6 | .020 | Brass | .320 | .445 | .285 | .160 |
| 42145-1 | B | 18-16 | .145 | 6 | .020 | Brass/Tin | .320 | .445 | .285 | .160 |
| 42301-1 | B | 18-16 | .145 | 6 | .020 | Steel/Pre-Nickel | .320 | .445 | .285 | .160 |
| 40953 | B | 18-16 | .171 | 8 | .020 | Brass | .320 | .445 | .285 | .160 |
| 42145-2 | B | 18-16 | .171 | 8 | .020 | Brass/Tin | .320 | .445 | .285 | .160 |
| 42283-1 | B | 18-16 | .171 | 8 | .020 | Steel/Pre-Nickel | .320 | .445 | .285 | .160 |
| 40903 | B | 18-16 | .197 | 10 | .020 | Brass | .320 | .445 | .285 | .160 |
| 42145-3 | B | 18-16 | .197 | 10 | .020 | Brass/Tin | .320 | .445 | .285 | .160 |
| 41381 | B | 18-16 | .197 | 10 | .020 | Steel/Pre-Nickel | .320 | .445 | .285 | .160 |
| 41440 | B | 18-16 | .197 | 10 | .020 | Steel/Pre-Copper | .320 | .445 | .285 | .160 |
| 42054-0 | B | 18-14 | .119 | 4 | .025 | Brass | .250 | .460 | .350 | .160 |
| 42054-2 | B | 18-14 | .119 | 4 | .025 | Brass/Tin | .250 | .460 | .350 | .160 |
| 42054-1 | B | 18-14 | .145 | 6 | .025 | Brass | .250 | .460 | .350 | .160 |
| 42054-3 | B | 18-14 | .145 | 6 | .025 | Brass/Tin | .250 | .460 | .350 | .160 |
| 41006 | B• | 18-14 | .096 | — | .020 | Brass | .175 | .338 | .250 | .125 |

† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel

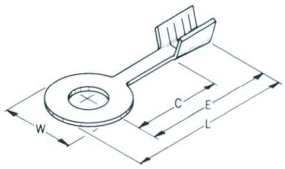
## RING TONGUE
(cont'd)




**B**
Wire Range: 28-14




**C**
Wire Range: 22-14




**D**
Wire Range: 26-10

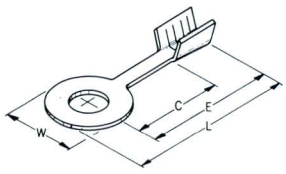
### NON-INSULATION SUPPORT (Cont'd)

| CATALOG NUMBER | TYPE | WIRE RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | W | L | E | C |
| 41499 | B• | 18-14 | .096 | — | .020 | Brass/Tin | .175 | .338 | .250 | .125 |
| 42053-0 | B | 18-14 | .119 | 4 | .020 | Brass | .250 | .460 | .350 | .160 |
| 60828-1 | B• | 18-14 | .119 | 4 | .020 | Brass/Tin | .175 | .338 | .250 | .125 |
| 42053-2 | B | 18-14 | .119 | 4 | .020 | Brass/Tin | .250 | .460 | .350 | .160 |
| 61147-1 | B• | 18-14 | .119 | 4 | .020 | Brass/Tin | .175 | .338 | .250 | .125 |
| 485057-1 | B• | 18-14 | .119 | 4 | .020 | Steel/Tin | .175 | .337 | .250 | .125 |
| 42290-1 | B | 18-14 | .119 | 4 | .020 | Stainless Steel | .250 | .460 | .350 | .160 |
| 60250-1 | B | 18-14 | .130 | — | .020 | Brass | .234 | .331 | .234 | .129 |
| 60250-2 | B | 18-14 | .130 | — | .020 | Brass/Tin | .234 | .331 | .234 | .129 |
| 42053-1 | B | 18-14 | .145 | 6 | .020 | Brass | .250 | .460 | .350 | .160 |
| 42053-3 | B | 18-14 | .145 | 6 | .020 | Brass/Tin | .250 | .460 | .350 | .160 |
| | | | | | | | | | | |
| 60797-1 | C• | 22-16 | .119 | 4 | .020 | Brass | .234 | .531 | .406 | .250 |
| 61805-1 | C | 22-16 | .125 | — | .020 | Brass | .234 | .505 | .380 | .224 |
| 42571-1 | C | 22-16 | .125 | — | .020 | Brass | .234 | .531 | .406 | .250 |
| 42571-2 | C | 22-16 | .125 | — | .020 | Brass/Tin | .234 | .531 | .406 | .250 |
| 41005 | C | 20-18 | .281 | — | .016 | Brass | .375 | .875 | .662 | .350 |
| 42058 | C | 20-18 | .281 | — | .016 | Brass/Tin | .375 | .875 | .662 | .350 |
| 42313-1 | C | 18-14 | .145 | 6 | .020 | Steel/Pre-Nickel | .290 | .668 | .498 | .344 |
| 42313-2 | C | 18-14 | .145 | 6 | .020 | Brass | .290 | .668 | .498 | .344 |
| 42313-3 | C | 18-14 | .145 | 6 | .020 | Brass/Tin | .290 | .668 | .498 | .344 |
| 485077-1 | C | 18-14 | .453 | 7/16 | .020 | Brass | .600 | 1.000 | .610 | .450 |
| | | | | | | | | | | |
| 60745-1 | D | 26-22 | .065 | — | .012 | Brass/Tin | .145 | .444 | .372 | .200 |
| 60538-1 | D | 22-16 | .096 | — | .020 | Brass/Tin | .175 | .493 | .406 | .250 |
| 61306-1 | D | 22-16 | .109 | — | .020 | Steel/Pre-Nickel | .250 | .531 | .406 | .250 |
| 41344 | D | 22-16 | .125 | — | .020 | Brass | .250 | .531 | .406 | .250 |
| 42185-1 | D | 22-16 | .125 | — | .020 | Steel/Tin | .250 | .531 | .406 | .250 |
| 42185-2 | D | 22-16 | .125 | — | .020 | Brass/Tin | .250 | .531 | .406 | .250 |
| 41273 | D | 22-16 | .145 | 6 | .020 | Brass/Tin | .250 | .531 | .406 | .250 |
| 41912 | D | 22-16 | .145 | 6 | .020 | Steel/Pre-Nickel | .250 | .531 | .406 | .250 |
| 60049-1 | D | 22-16 | .145 | 6 | .020 | Brass | .250 | .531 | .406 | .250 |
| 60049-2 | D | 22-16 | .145 | 6 | .020 | Brass/Tin | .250 | .531 | .406 | .250 |
| 60306-1 | D | 20-18 | .065 | — | .012 | Brass | .145 | .444 | .372 | .200 |
| 60306-2 | D | 20-18 | .065 | — | .012 | Brass/Tin | .145 | .444 | .372 | .200 |
| 42480-1 | D | 20-16 | .119 | 4 | .020 | Brass | .188 | .416 | .322 | .167 |
| 42480-2 | D | 20-16 | .119 | 4 | .020 | Brass/Tin | .188 | .416 | .322 | .167 |
| 61315-1 | D | 20-14 | .145 | 6 | .020 | Brass | .240 | .405 | .285 | .160 |
| 61142-1 | D | 18-14 | .145 | 6 | .020 | Brass | .281 | .455 | .335 | .210 |
| 61142-2 | D | 18-14 | .145 | 6 | .020 | Brass/Tin | .281 | .455 | .335 | .210 |
| 41436 | D | 18-14 | .145 | 6 | .030 | Brass | .340 | .668 | .498 | .344 |
| 34807 | D | 18-14 | .145 | 6 | .030 | Brass/Tin | .340 | .668 | .498 | .344 |
| 41362 | D | 18-14 | .145 | 6 | .030 | Steel/Tin | .340 | .668 | .498 | .344 |
| 41748 | D | 18-14 | .145 | 6 | .030 | Steel/Pre-Nickel | .340 | .668 | .498 | .344 |
| 40951 | D | 18-14 | .171 | 8 | .020 | Brass | .281 | .455 | .335 | .210 |
| 41011 | D | 18-14 | .171 | 8 | .020 | Brass | .340 | .668 | .498 | .344 |
| 41806 | D | 18-14 | .171 | 8 | .020 | Brass/Tin | .281 | .455 | .335 | .210 |
| 40946 | D | 18-14 | .171 | 8 | .020 | Steel/Pre-Nickel | .340 | .668 | .498 | .344 |
| 41011-1 | D | 18-14 | .171 | 8 | .020 | Brass/Tin | .340 | .670 | .498 | .344 |

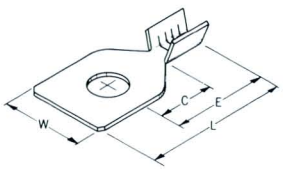
† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel

# OPEN BARREL
# RINGS AND SPADES

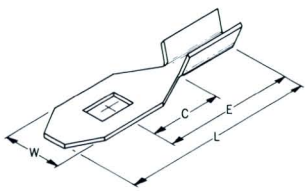
## RING TONGUE
(cont'd)



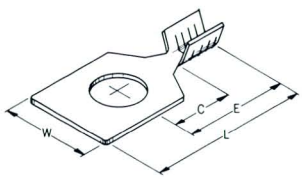

**D**
Wire Range: 26-10



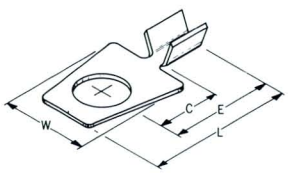

**E**
Wire Range: 20-10



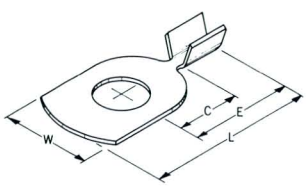

**F**
Wire Range: 22-18




**H**
Wire Range: 10-8




**G**
Wire Range: 22-18



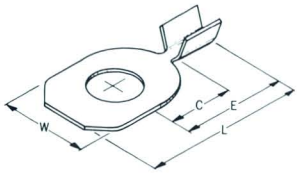

**J**
Wire Range: 22-14

## NON-INSULATION SUPPORT (Cont'd)

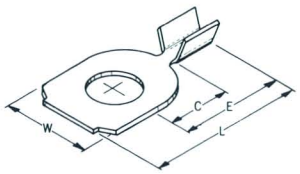
| CATALOG NUMBER | TYPE | WIRE RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | W | L | E | C |
| 61773-1 | D | 18-14 | .171 | 8 | .030 | Brass/Tin | .340 | .668 | .498 | .344 |
| 61774-1 | D• | 18-14 | .171 | 8 | .020 | Brass | .281 | .455 | .335 | .210 |
| 41437 | D | 18-14 | .197 | 10 | .030 | Brass | .340 | .668 | .498 | .344 |
| 34808 | D | 18-14 | .197 | 10 | .030 | Brass/Tin | .340 | .668 | .498 | .344 |
| 42715-1 | D | 18-14 | .197 | 10 | .020 | Steel/Pre-Nickel | .340 | .668 | .498 | .344 |
| 350086-1† | D | 12-10 | .171 | 8 | .040 | Copper/Tin | .500 | .820 | .570 | .338 |
| 42555-2† | D | 12-10 | .199 | — | .040 | Brass/Tin | .500 | .820 | .570 | .338 |
| 42555-1† | D | 12-10 | .199 | — | .040 | Copper/Tin | .500 | .820 | .570 | .338 |
| 41356† | D | 12-10 | .265 | 1/4 | .040 | Brass/Tin | .500 | .820 | .570 | .338 |
| 41341† | D | 12-10 | .265 | 1/4 | .040 | Copper/Tin | .500 | .820 | .570 | .338 |
| 42890-1† | D | 12-10 | .328 | 5/16 | .040 | Copper/Tin | .500 | .820 | .570 | .338 |
| 60286-1† | D | 12-10 | .343 | — | .040 | Copper/Tin | .500 | .820 | .570 | .338 |
| 41269 | E• | 20-16 | .145 | 6 | .020 | Steel/Nickel | .260 | .522 | .350 | .194 |
| 61895-1 | E | 20-14 | .145 | 6 | .030 | Brass | .245 | .522 | .350 | .194 |
| 60338-1† | E• | 12-10 | .281 | — | .040 | Brass | .530 | .965 | .700 | .435 |
| 60338-2† | E• | 12-10 | .281 | — | .040 | Brass/Tin | .530 | .965 | .700 | .435 |
| 640144-1 | E• | 12-10 | .328 | — | .040 | Steel/Tin | .530 | .965 | .700 | .435 |
| 60193-1 | F | 22-18 | .100 x .150 | — | .020 | Brass | .187 | .540 | .462 | .254 |
| 60193-2 | F | 22-18 | .100 x .150 | — | .020 | Brass/Tin | .187 | .540 | .462 | .254 |
| 40700 | G | 22-18 | .145 | 6 | .020 | Brass | .286 | .500 | .343 | .187 |
| 42421-1 | G | 22-18 | .145 | 6 | .020 | Brass/Tin | .286 | .500 | .343 | .187 |
| 42438-1 | H• | 10-8 | .145 | 6 | .040 | Brass | .410 | .752 | .552 | .340 |
| 42438-2 | H• | 10-8 | .145 | 6 | .040 | Brass/Tin | .410 | .752 | .552 | .340 |
| 42439-1 | H• | 10-8 | .171 | 8 | .040 | Brass | .410 | .752 | .552 | .340 |
| 42439-2 | H• | 10-8 | .171 | 8 | .040 | Brass/Tin | .410 | .752 | .552 | .340 |
| 42673-1 | H• | 10-8 | .197 | 10 | .040 | Brass | .385 | .717 | .547 | .344 |
| 42673-2 | H• | 10-8 | .197 | 10 | .040 | Brass/Tin | .385 | .717 | .547 | .344 |
| 42440-1 | H• | 10-8 | .197 | 10 | .040 | Brass | .410 | .752 | .552 | .340 |
| 42440-2 | H• | 10-8 | .197 | 10 | .040 | Brass/Tin | .410 | .752 | .552 | .340 |
| 42441-1 | H• | 10-8 | .223 | 12 | .040 | Brass | .410 | .752 | .552 | .340 |
| 42441-2 | H• | 10-8 | .223 | 12 | .040 | Brass/Tin | .410 | .752 | .552 | .340 |
| 42442-1 | H• | 10-8 | .265 | 1/4 | .040 | Brass | .410 | .752 | .552 | .340 |
| 42442-2 | H• | 10-8 | .265 | 1/4 | .040 | Brass/Tin | .410 | .752 | .552 | .340 |
| 61392-1 | J | 22-16 | .421 | — | .020 | Steel/Tin | .520 | 1.000 | .610 | .450 |
| 42997-1 | J | 18-14 | .265 | 1/4 | .020 | Brass | .500 | .765 | .506 | .350 |
| 42997-2 | J | 18-14 | .265 | 1/4 | .020 | Brass/Tin | .500 | .765 | .506 | .350 |
| 61435-1 | J | 18-14 | .390 | 3/8 | .020 | Brass | .500 | .765 | .506 | .350 |
| 61435-2 | J | 18-14 | .390 | 3/8 | .020 | Brass/Tin | .500 | .765 | .506 | .350 |
| 350387-1 | J | 18-14 | .406 | — | .020 | Brass | .600 | 1.000 | .610 | .450 |

† Applicator feed from side — all others are end feed.  • Serrated Wire Barrel

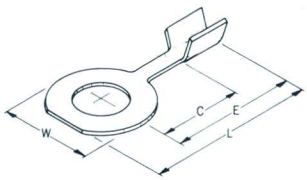
## RING TONGUE (cont'd)



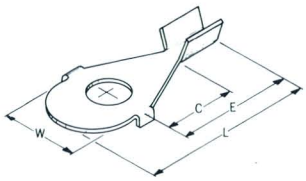

**K**
Wire Range: 18-14



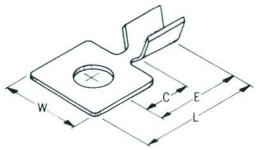

**L**
Wire Range: 20-14




**M**
Wire Range: 24-14




**N**
Wire Range: 20-18

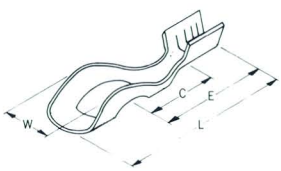



**P**
Wire Range: 20-14

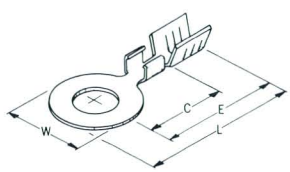
### NON-INSULATION SUPPORT (Cont'd)

| CATALOG NUMBER | TYPE | WIRE RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | W | L | E | C |
| 40551 | K | 18-14 | .093 | 2 | .020 | Brass | .315 | .584 | .389 | .249 |
| 61717-1 | K | 18-14 | .096 | — | .020 | Steel/Pre-Nickel | .315 | .584 | .389 | .249 |
| 42064 | K | 18-14 | .098 | — | .020 | Brass | .315 | .584 | .389 | .249 |
| 40542 | K | 18-14 | .130 | — | .020 | Brass | .315 | .584 | .389 | .249 |
| 40621 | K | 18-14 | .138 | — | .020 | Brass | .315 | .584 | .389 | .249 |
| 40945 | K | 18-14 | .138 | — | .020 | Steel/Nickel | .315 | .584 | .389 | .249 |
| 40655 | K | 18-14 | .145 | 6 | .020 | Brass | .315 | .584 | .389 | .249 |
| 40548 | K | 18-14 | .171 | 8 | .020 | Brass | .315 | .584 | .389 | .249 |
| 41323 | K | 18-14 | .171 | 8 | .020 | Brass/Tin | .315 | .584 | .389 | .249 |
| 34814 | K | 18-14 | .197 | 10 | .020 | Brass | .315 | .584 | .389 | .249 |
| 41322 | K | 18-14 | .197 | 10 | .020 | Brass/Tin | .315 | .584 | .389 | .249 |
| 42376-1 | K | 18-14 | .197 | 10 | .020 | Steel/Pre-Nickel | .315 | .584 | .389 | .249 |
| 40639 | L | 20-16 | .145 | 6 | .020 | Brass | .260 | .522 | .350 | .194 |
| 41383 | L | 20-16 | .145 | 6 | .020 | Brass/Tin | .260 | .522 | .350 | .194 |
| 40939 | L | 20-14 | .145 | 6 | .030 | Brass | .260 | .522 | .350 | .194 |
| 61577-1† | M | 24-20 | .128 | — | .014 | Brass/Tin | .186 | .440 | .350 | .130 |
| 42204-1 | M | 20-16 | .096 | — | .020 | Steel/Pre-Nickel | .175 | .338 | .250 | .125 |
| 60174-1† | M | 20-16 | .119 | 4 | .020 | Steel/Pre-Nickel | .175 | .338 | .250 | .125 |
| 40599† | M | 20-14 | .145 | 6 | .030 | Brass | .312 | .555 | .427 | .250 |
| 42689-1† | M | 20-14 | .145 | 6 | .030 | Brass/Tin | .312 | .555 | .427 | .250 |
| 40600† | M | 20-14 | .171 | 8 | .030 | Brass | .312 | .555 | .427 | .250 |
| 42690-1† | M | 20-14 | .171 | 8 | .030 | Brass/Tin | .312 | .555 | .427 | .250 |
| 40601† | M | 20-14 | .197 | 10 | .030 | Brass | .312 | .555 | .427 | .250 |
| 40813† | M | 20-14 | .197 | 10 | .030 | Brass/Tin | .312 | .555 | .427 | .250 |
| 60567-1 | N | 20-18 | .096 | — | .020 | Brass | .160 | .364 | .250 | .125 |
| 485052-1 | P• | 20-16 | .065 | — | .020 | Brass | .190 | .325 | .250 | .125 |
| 60427-1 | P | 20-16 | .084 | — | .020 | Brass | .190 | .325 | .250 | .125 |
| 60426-1 | P | 20-16 | .093 | 2 | .020 | Brass | .190 | .325 | .250 | .125 |
| 485053-1 | P | 20-16 | .095 | — | .020 | Brass | .190 | .325 | .250 | .125 |
| 60959-1 | P• | 18-14 | .084 | — | .020 | Brass | .190 | .325 | .250 | .125 |
| 60754-1 | Q• | 12-10 | .145 | 6 | .040 | Copper/Tin | .230 | .673 | .502 | .281 |
| 60782-1 | R• | 22-16 | .130 | — | .020 | Brass | .280 | .546 | .406 | .250 |
| 60782-2 | R• | 22-16 | .130 | — | .020 | Steel/Pre-Nickel | .280 | .546 | .406 | .250 |

† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel



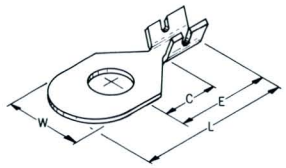

**Q**
Wire Range: 12-10



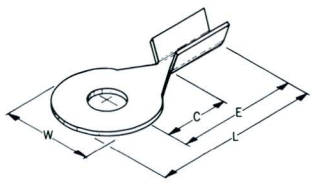

**R**
Wire Range: 22-16

# OPEN BARREL
# RINGS AND SPADES

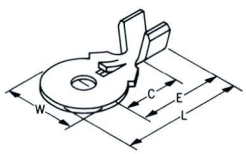
## RING TONGUE
(cont'd)



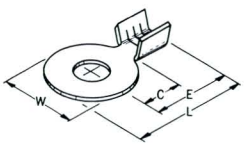

**S**
Wire Range: 8-4




**T**
Wire Range: 22-18




**U**
Wire Range: 22-16




**V**
Wire Range: 22-10

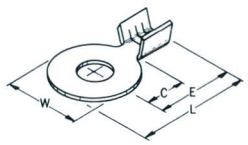
### NON-INSULATION SUPPORT (Cont'd)

| CATALOG NUMBER | TYPE | WIRE RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | W | L | E | C |
| 40797 | S | 8 | .265 | ¼ | .040 | Brass | .428 | .955 | .743 | .335 |
| 40974 | S | 8 | .265 | ¼ | .040 | Brass/Tin | .428 | .955 | .743 | .335 |
| 40902 | S | 4 | .265 | ¼ | .040 | Brass | .428 | .955 | .743 | .335 |
| 41207 | T | 22-18 | .145 | 6 | .016 | Brass | .281 | .717 | .577 | .265 |
| 42837-1 | T | 22-18 | .145 | 6 | .016 | Brass/Tin | .281 | .717 | .577 | .265 |
| 61333-1† | U | 22-16 | .145 | 6 | .030 | Brass/Tin | .468 | .832 | .598 | .437 |
| 485017-1 | V• | 22-18 | .171 | 8 | .020 | Brass/Tin | .300 | .485 | .335 | .230 |
| 60781-1 | V• | 22-18 | .171 | 8 | .020 | Brass | .300 | .535 | .394 | .239 |
| 60607-1 | V• | 22-18 | .197 | 10 | .020 | Brass | .300 | .535 | .394 | .239 |
| 60607-3 | V• | 22-18 | .197 | 10 | .020 | Brass/Tin | .300 | .535 | .394 | .239 |
| 60095-1 | V | 20-16 | .145 | 6 | .020 | Brass | .218 | .430 | .319 | .167 |
| 60095-2 | V | 20-16 | .145 | 6 | .020 | Brass/Tin | .218 | .430 | .319 | .167 |
| 61572-1 | V | 18-14 | .197 | 10 | .020 | Steel/Pre-Nickel | .300 | .535 | .385 | .230 |
| 42623-1 | V | 18-14 | .145 | 6 | .020 | Stainless Steel | .300 | .535 | .385 | .230 |
| 40587 | V | 18-14 | .145 | 6 | .025 | Brass | .300 | .535 | .385 | .230 |
| 42110-1 | V | 18-14 | .145 | 6 | .025 | Brass | .300 | .570 | .420 | .230 |
| 40752 | V | 18-14 | .145 | 6 | .025 | Brass/Tin | .300 | .535 | .385 | .230 |
| 42111-1 | V | 18-14 | .145 | 6 | .025 | Brass/Tin | .300 | .570 | .420 | .230 |
| 41334 | V | 18-14 | .171 | 8 | .025 | Stainless Steel | .300 | .535 | .385 | .230 |
| 34848 | V | 18-14 | .145 | 6 | .020 | Brass | .300 | .535 | .385 | .230 |
| 40593 | V | 18-14 | .145 | 6 | .020 | Brass/Tin | .300 | .535 | .385 | .230 |
| 40979 | V | 18-14 | .145 | 6 | .020 | Steel/Pre-Nickel | .300 | .535 | .385 | .230 |
| 40588 | V | 18-14 | .171 | 8 | .025 | Brass | .300 | .535 | .385 | .230 |
| 42110-2 | V | 18-14 | .171 | 8 | .025 | Brass | .300 | .570 | .420 | .230 |
| 42111-2 | V | 18-14 | .171 | 8 | .025 | Brass/Tin | .300 | .570 | .420 | .230 |
| 40753 | V | 18-14 | .171 | 8 | .025 | Brass/Tin | .300 | .535 | .385 | .230 |
| 34812 | V | 18-14 | .171 | 8 | .020 | Brass | .300 | .535 | .385 | .230 |
| 40594 | V | 18-14 | .171 | 8 | .020 | Brass/Tin | .300 | .535 | .385 | .230 |
| 41346 | V | 18-14 | .171 | 8 | .020 | Steel/Pre-Nickel | .300 | .535 | .385 | .230 |
| 40589 | V | 18-14 | .197 | 10 | .025 | Brass | .300 | .535 | .385 | .230 |
| 42110-3 | V | 18-14 | .197 | 10 | .025 | Brass | .300 | .570 | .420 | .230 |
| 40754 | V | 18-14 | .197 | 10 | .025 | Brass/Tin | .300 | .535 | .385 | .230 |
| 42111-3 | V | 18-14 | .197 | 10 | .025 | Brass/Tin | .300 | .570 | .420 | .230 |
| 42716-1 | V | 18-14 | .197 | 10 | .025 | Stainless Steel | .300 | .535 | .385 | .230 |
| 34839 | V | 18-14 | .197 | 10 | .020 | Brass | .300 | .535 | .385 | .230 |
| 40595 | V | 18-14 | .197 | 10 | .020 | Brass/Tin | .300 | .535 | .385 | .230 |
| 42314-1 | V | 18-14 | .197 | 10 | .020 | Steel/Tin | .300 | .535 | .385 | .230 |
| 41521 | V | 18-14 | .197 | 10 | .020 | Steel/Pre-Nickel | .300 | .535 | .385 | .230 |
| 60505-1 | V• | 18-14 | .130 | — | .030 | Brass/Tin | .343 | .608 | .436 | .275 |
| 40516 | V• | 18-14 | .145 | 6 | .030 | Brass/Tin | .343 | .608 | .436 | .275 |
| 42424-1 | V• | 18-14 | .171 | 8 | .030 | Brass | .343 | .608 | .436 | .275 |
| 40517 | V• | 18-14 | .171 | 8 | .030 | Brass/Tin | .343 | .608 | .436 | .275 |
| 40977 | V• | 18-14 | .197 | 10 | .030 | Brass/Tin | .343 | .608 | .436 | .275 |
| 42611-1 | V• | 18-14 | .234 | — | .030 | Brass | .343 | .608 | .436 | .275 |
| 42611-2 | V• | 18-14 | .234 | — | .030 | Brass/Tin | .343 | .608 | .436 | .275 |
| 60956-1 | V• | 16-14 | .130 | — | .030 | Brass/Tin | .281 | .586 | .446 | .275 |

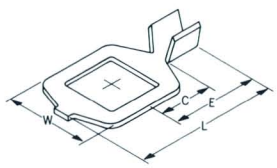
† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel

# OPEN BARREL
# RINGS AND SPADES

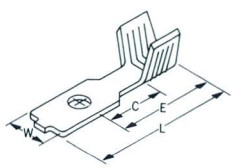
## RING TONGUE
(cont'd)



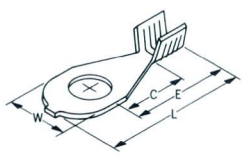

**V**
Wire Range: 22-10



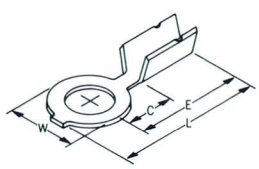

**W**
Wire Range: 18-14



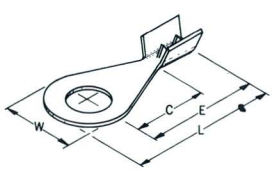

**X**
Wire Range: 12-10




**Y**
Wire Range: 18-14




**Z**
Wire Range: 26-22




**A**
Wire Range: 26-22

## NON-INSULATION SUPPORT (Cont'd)

| CATALOG NUMBER | TYPE | WIRE RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|
| 40796 | V• | 16-14 | .197 | 10 | .030 | Brass | .343 | .608 | .436 | .275 |
| 40522 | V• | 12-10 | .145 | 6 | .040 | Brass/Tin | .343 | .677 | .501 | .281 |
| 42884-1 | V• | 12-10 | .145 | 6 | .040 | Copper | .343 | .677 | .501 | .281 |
| 42884-2 | V• | 12-10 | .145 | 6 | .040 | Copper/Tin | .343 | .677 | .501 | .281 |
| 42425-1 | V• | 12-10 | .171 | 8 | .040 | Brass | .343 | .677 | .501 | .281 |
| 40523 | V• | 12-10 | .171 | 8 | .040 | Brass/Tin | .343 | .677 | .501 | .281 |
| 42425-3 | V• | 12-10 | .171 | 8 | .040 | Copper | .343 | .677 | .501 | .281 |
| 42425-5 | V• | 12-10 | .171 | 8 | .040 | Copper/Tin | .343 | .677 | .501 | .281 |
| 41911 | V• | 12-10 | .197 | 10 | .040 | Brass | .343 | .677 | .501 | .281 |
| 40524 | V• | 12-10 | .197 | 10 | .040 | Brass/Tin | .343 | .677 | .501 | .281 |
| 41911-1 | V• | 12-10 | .197 | 10 | .040 | Brass/Silver | .343 | .677 | .501 | .281 |
| 41090 | V• | 12-10 | .197 | 10 | .040 | Copper/Tin | .343 | .677 | .501 | .281 |
| 41090-1 | V• | 12-10 | .197 | 10 | .040 | Steel/Nickel | .343 | .677 | .501 | .281 |
| 40694 | V• | 12-10 | .145 | 6 | .030 | Brass/Tin | .343 | .677 | .501 | .281 |
| 40695 | V• | 12-10 | .171 | 8 | .030 | Brass/Tin | .343 | .677 | .501 | .281 |
| 40695-1 | V• | 12-10 | .171 | 8 | .030 | Brass | .343 | .677 | .501 | .281 |
| 640022-1 | V• | 12-10 | .171 | 8 | .040 | Copper/Tin | .500 | .810 | .560 | .360 |
| 60182-1 | V• | 12-10 | .197 | 10 | .030 | Brass | .343 | .677 | .501 | .281 |
| 40696 | V• | 12-10 | .197 | 10 | .030 | Brass/Tin | .343 | .677 | .501 | .281 |
| 40696-1 | V• | 12-10 | .197 | 10 | .030 | Steel/Nickel | .343 | .677 | .501 | .281 |
| | | | | | | | | | | |
| 42146-1 | W | 18-14 | .305 x .305 | — | .020 | Brass | .500 | .765 | .506 | .350 |
| 42146-2 | W | 18-14 | .305 x .305 | — | .020 | Brass/Tin | .500 | .765 | .506 | .350 |
| 60407-1 | W | 18-14 | .265 x .330 | — | .016 | Brass | .500 | .765 | .506 | .350 |
| | | | | | | | | | | |
| 61264-1 | X• | 12-10 | .119 | 4 | .030 | Brass/Tin | .240 | .659 | .500 | .281 |
| | | | | | | | | | | |
| 61327-1 | Y | 18-14 | .171 | 8 | .018 | Brass/Tin | .295 | .634 | .487 | .302 |
| | | | | | | | | | | |
| 640128-1 | Z | 26-22 | .060 | — | .014 | Brass/Tin | .190 | .425 | .330 | .130 |
| 60329-1 | Z | 26-22 | .096 | — | .014 | Brass | .190 | .425 | .330 | .130 |
| 60329-2 | Z | 26-22 | .096 | — | .014 | Brass/Tin | .190 | .425 | .330 | .130 |
| 60181-1 | Z | 26-22 | .119 | 4 | .014 | Brass | .190 | .425 | .330 | .130 |
| 60181-2 | Z | 26-22 | .119 | 4 | .014 | Brass/Tin | .190 | .425 | .330 | .130 |

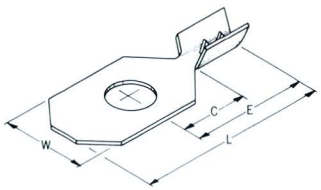
## INSULATION PIERCING

| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 41070 | A | 26-22 | .045-.060 | .197 | 10 | .020 | Brass | .312 | .757 | .611 | .406 |
| 41371 | A | 22 | .050-.065 | .128 | — | .012 | Brass | .250 | .580 | .455 | .250 |
| 42005 | A | 22 | .050-.065 | .140 | — | .012 | Brass | .250 | .580 | .455 | .250 |
| 60441-1 | A | 22 | .050-.065 | .140 | — | .012 | Brass/Tin | .250 | .580 | .455 | .250 |
| 41372 | A | 22 | .050-.065 | .171 | 8 | .012 | Brass | .250 | .580 | .455 | .250 |
| 42796-1 | A | 22 | .050-.065 | .171 | 8 | .012 | Brass/Tin | .250 | .580 | .455 | .250 |

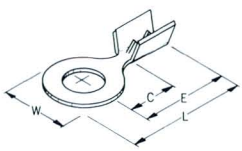
† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel

# OPEN BARREL
# RINGS AND SPADES

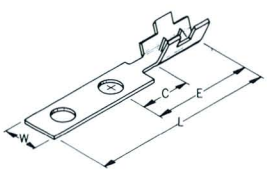
## RING TONGUE
### (cont'd)



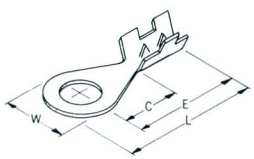

**B**
Wire Range: 24-20




**C**
Wire Range: 22-16




**D**
Wire Range: 22-20

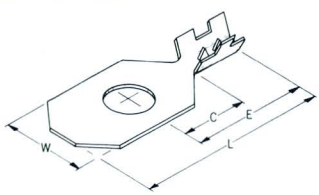



**E**
Wire Size: 20

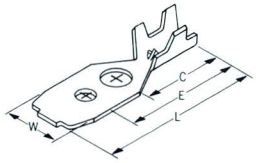
**INSULATION PIERCING (Cont'd)**

| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | W | L | E | C |
| 60308-1 | B | 24-20 | .050-.070 | .080 | — | .016 | Brass | .250 | .626 | .461 | .254 |
| 60308-2 | B | 24-20 | .050-.070 | .080 | — | .016 | Brass/Tin | .250 | .626 | .461 | .254 |
| 60572-1 | B | 24-20 | .050-.070 | .156 | — | .016 | Brass | .250 | .626 | .461 | .254 |
| 42051 | C | 22-20 | .050-.065 | .065 | — | .012 | Brass | .186 | .423 | .330 | .125 |
| 41148 | C | 22-20 | .050-.065 | .096 | — | .012 | Brass | .186 | .423 | .330 | .125 |
| 41376 | C | 22-20 | .050-.065 | .096 | — | .012 | Brass/Tin | .165 | .417 | .330 | .125 |
| 42836-1 | C | 22-20 | .050-.065 | .096 | — | .012 | Brass/Tin | .186 | .423 | .330 | .125 |
| 60422-1 | C | 22-20 | .050-.065 | .096 | — | .012 | Brass/Gold | .165 | .417 | .330 | .125 |
| 60368-1 | C | 22-20 | .050-.065 | .096 | — | .012 | Brass/Gold | .186 | .423 | .330 | .125 |
| 60422-3 | C | 22-20 | .050-.065 | .096 | — | .012 | Brass/Nickel | .165 | .417 | .330 | .125 |
| 60422-4 | C | 22-20 | .050-.065 | .096 | — | .012 | Brass/Gold | .165 | .417 | .330 | .125 |
| 41149 | C | 22-20 | .050-.065 | .128 | — | .012 | Brass | .186 | .423 | .330 | .125 |
| 41409 | C | 22-20 | .050-.065 | .128 | — | .012 | Brass/Tin | .186 | .423 | .330 | .125 |
| 42023-0 | C | 20-16 | .105-.120 | .145 | 6 | .020 | Brass | .300 | .655 | .505 | .240 |
| 42024-0 | C | 20-16 | .105-.120 | .145 | 6 | .020 | Brass/Tin | .300 | .655 | .505 | .240 |
| 42023-7 | C | 20-16 | .105-.120 | .145 | 6 | .020 | Steel/Tin | .300 | .655 | .505 | .240 |
| 42023-1 | C | 20-16 | .105-.120 | .171 | 8 | .020 | Brass | .300 | .655 | .505 | .240 |
| 42024-1 | C | 20-16 | .105-.120 | .171 | 8 | .020 | Brass/Tin | .300 | .655 | .505 | .240 |
| 42023-8 | C | 20-16 | .105-.120 | .171 | 8 | .020 | Steel/Tin | .300 | .655 | .505 | .240 |
| 42023-2 | C | 20-16 | .105-.120 | .197 | 10 | .020 | Brass | .300 | .655 | .505 | .240 |
| 42024-2 | C | 20-16 | .105-.120 | .197 | 10 | .020 | Brass/Tin | .300 | .655 | .505 | .240 |
| 42023-9 | C | 20-16 | .105-.120 | .197 | 10 | .020 | Steel/Tin | .300 | .655 | .505 | .240 |
| 42023-3 | C | 20-16 | .105-.120 | .197 | 10 | .020 | Stainless Steel | .300 | .655 | .505 | .240 |
| 40780† | D | 22-20 | .065-.085 | (2).190 | — | .020 | Brass | .312 | 1.687 | .437 | .231 |
| 40781† | D | 22-20 | .065-.085 | (2).190 | — | .020 | Brass | .312 | 1.093 | .437 | .231 |
| 41069 | E | 20 | .065-.080 | .197 | 10 | .020 | Brass | .312 | .768 | .612 | .406 |
| 41533 | F | 20-18 | .065-.080 | .093 | 2 | .020 | Brass | .250 | .570 | .412 | .206 |
| 41534 | F | 20-18 | .065-.080 | .093 | 2 | .020 | Brass/Tin | .250 | .570 | .412 | .206 |
| 40745 | F | 20-18 | .065-.080 | .131 | — | .020 | Brass | .250 | .570 | .412 | .206 |
| 40645 | F | 20-18 | .065-.080 | .131 | — | .020 | Brass/Tin | .250 | .570 | .412 | .206 |
| 40677 | F | 20-18 | .065-.080 | .145 | 6 | .020 | Brass | .250 | .570 | .412 | .206 |
| 41505 | F | 20-18 | .065-.080 | .145 | 6 | .020 | Brass/Tin | .250 | .570 | .412 | .206 |
| 60258-1 | G | 20-18 | .065-.080 | .093 | 2 | .020 | Brass | .187 | .570 | .303 | .095 |
| 60304-1 | G | 20-18 | .065-.080 | .093 | 2 | .016 | Brass | .187 | .570 | .303 | .095 |
| 41628 | G | 20-18 | .065-.080 | .093 | 2 | .020 | Brass/Tin | .187 | .570 | .303 | .095 |

† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel




**F**
Wire Range: 20-18

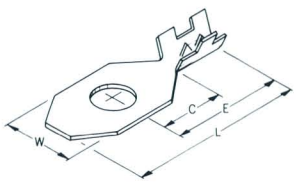



**G**
Wire Range: 20-18

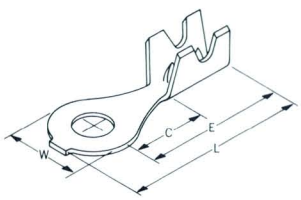
# OPEN BARREL
# RINGS AND SPADES

## RING TONGUE
(cont'd)

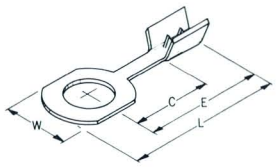

**H**
Wire Range: 20-18




**J**
Wire Range: 20-18




**K**
Wire Range: 20-16

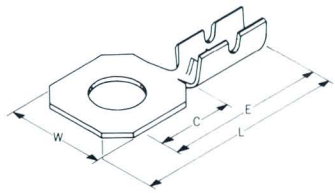



**L**
Wire Range: 26-22

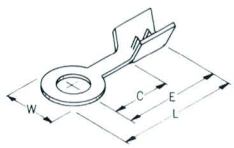
### INSULATION PIERCING (Cont'd)

| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | W | L | E | C |
| 41031 | H | 20-18 | .065-.080 | .093 | 2 | .020 | Brass/Tin | .250 | .644 | .464 | .218 |
| 60421-1 | J | 20-18 | .065-.080 | .093 | 2 | .016 | Brass | .187 | .570 | .348 | .140 |
| 60569-1 | J | 20-18 | .065-.080 | .093 | 2 | .012 | Brass | .187 | .570 | .348 | .140 |
| 41024 | K | 20-16 | .105-.120 | .145 | 6 | .020 | Brass | .300 | .650 | .500 | .234 |
| 42205-1 | K | 20-16 | .105-.120 | .145 | 6 | .020 | Steel/Tin | .300 | .650 | .500 | .234 |
| 40964 | K | 20-16 | .105-.120 | .171 | 8 | .020 | Brass | .300 | .650 | .500 | .234 |
| 40900 | K | 20-16 | .105-.120 | .197 | 10 | .020 | Brass | .300 | .650 | .500 | .234 |
| 41465 | K | 20-16 | .105-.120 | .197 | 10 | .020 | Brass/Tin | .300 | .650 | .500 | .234 |
| 40901 | K | 20-16 | .105-.120 | .197 | 10 | .020 | Steel/Tin | .300 | .650 | .500 | .234 |
| 41982 | M | 18-16 | .110-.130 | .145 | 6 | .016 | Brass/Tin | .281 | .800 | .660 | .350 |
| 41981 | M | 18-16 | .110-.130 | .145 | 6 | .016 | Brass | .281 | .800 | .660 | .350 |
| 61853-1 | M | 18-16 | .110-.130 | .197 | 10 | .016 | Brass | .281 | .800 | .660 | .350 |
| 41462 | N | 24-20 | .050-.060 | .090 | — | .012 | Brass/Tin | .156 | .470 | .385 | .102 |
| 60203-1 | N | 24-20 | .050-.060 | .090 | — | .012 | Brass | .156 | .470 | .385 | .102 |
| 41004 | P | 7MM | .250-.300 | .171 | 8 | .025 | Brass | .342 | .670 | .500 | .312 |
| 41851 | P | 7MM | .250-.300 | .259 | — | .025 | Brass | .380 | .932 | .742 | .312 |

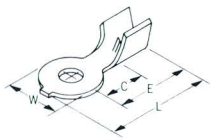
† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel




**N**
Wire Range: 24-20



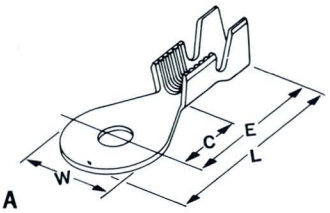

**M**
Wire Range: 18-16



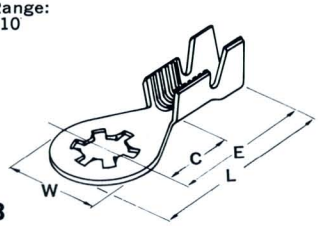

**P**
Wire Size: 7MM

# OPEN BARREL
# RINGS AND SPADES

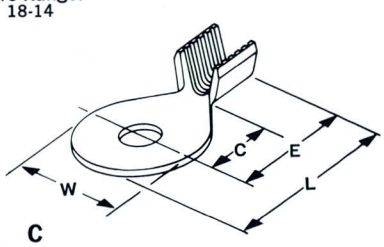
## RING TONGUE
(cont'd)



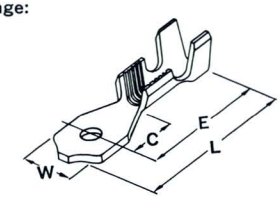

**A**
Wire Range:
23-10



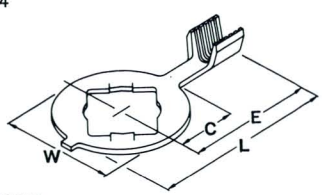

**B**
Wire Range:
18-14



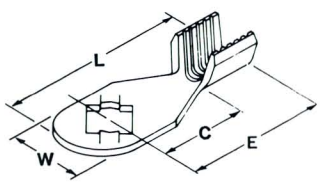

**C**
Wire Range:
22-11



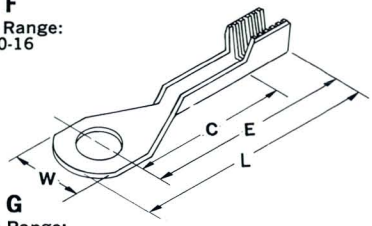

**D**
Wire Range:
23-14




**E**
Wire Range:
20-16




**F**
Wire Range:
20-16




**G**
Wire Range:
18-14

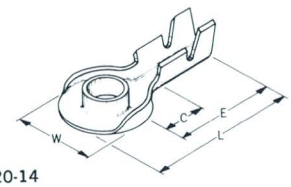
### AMPLIVAR Crimp

| CATALOG NUMBER | TYPE | MAGNET WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL | W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 61710-1 | A | 11-13 | .085-.150 | .180 | 8 | .025 | Brass | .342 | .833 | .657 | .312 |
| 640027-1 | A | 14-11 | .150-.190 | .145 | 6 | .025 | Brass/Tin | .342 | .827 | .656 | .312 |
| 61756-1 | A | 12-10 | .150-.190 | .265 | ¼ | .025 | Tin Plated Brass | .420 | .872 | .682 | .312 |
| 485007-2 | A | 15-12 | .150-.190 | .094 | 2 | .025 | Tin Plated Brass | .420 | .870 | .660 | .312 |
| 61185-1 | A | 15-12 | .150-.190 | .265 | ¼ | .025 | Brass | .420 | .870 | .660 | .312 |
| 61185-2 | A | 15-12 | .150-.190 | .265 | ¼ | .025 | Tin Plated Brass | .420 | .870 | .660 | .312 |
| 61151-1 | A | (2)#17 or (2)#15 | .150-.190 or (2) .115 | .197 | 10 | .025 | Tin Plated Brass | .342 | .827 | .656 | .312 |
| 60752-1 | A | (2)#17 or (2)#15 | .150-.190 or (2) .115 | .171 | 8 | .025 | Brass | .342 | .827 | .656 | .312 |
| 60752-2 | A | (2)#17 or (2)#15 | .150-.190 or (2) .115 | .171 | 8 | .025 | Tin Plated Brass | .342 | .827 | .656 | .312 |
| 60318-1 | A | 18-14 | .100-.140 | .197 | 10 | .020 | Brass | .342 | .833 | .662 | .312 |
| 60318-2 | A | 18-14 | .100-.140 | .197 | 10 | .020 | Tin Plated Brass | .342 | .833 | .662 | .312 |
| 60320-1 | A | 18-14 | .100-.140 | .171 | 8 | .020 | Brass | .342 | .833 | .662 | .312 |
| 60320-2 | A | 18-14 | .100-.140 | .171 | 8 | .020 | Tin Plated Brass | .342 | .833 | .662 | .312 |
| 640025-1 | A | 20-16 | .125-.165 | .145 | 6 | .020 | Brass/Tin | .300 | .700 | .550 | .230 |
| 60324-1 | A | 20-16 | .125-.165 | .197 | 10 | .020 | Brass | .300 | .700 | .550 | .230 |
| 60324-2 | A | 20-16 | .125-.165 | .197 | 10 | .020 | Tin Plated Brass | .300 | .700 | .550 | .230 |
| 60322-1 | A | 20-16 | .125-.165 | .171 | 8 | .020 | Brass | .300 | .700 | .550 | .230 |
| 60322-2 | A | 20-16 | .125-.165 | .171 | 8 | .020 | Tin Plated Brass | .300 | .700 | .550 | .230 |
| 60319-1 | A | 23-19 | .100-.140 | .197 | 10 | .020 | Brass | .342 | .833 | .662 | .312 |
| 60319-2 | A | 23-19 | .100-.140 | .197 | 10 | .020 | Tin Plated Brass | .342 | .833 | .662 | .312 |
| 60325-1 | A | 23-19 | .125-.165 | .197 | 10 | .020 | Brass | .300 | .700 | .550 | .230 |
| 60325-2 | A | 23-19 | .125-.165 | .197 | 10 | .020 | Tin Plated Brass | .300 | .700 | .550 | .230 |
| 60321-1 | A | 23-19 | .100-.140 | .171 | 8 | .020 | Brass | .342 | .833 | .662 | .312 |
| 60321-2 | A | 23-19 | .100-.140 | .171 | 8 | .020 | Tin Plated Brass | .342 | .833 | .662 | .312 |
| 60321-3 | A | 23-19 | .100-.140 | .145 | 6 | .020 | Brass | .342 | .833 | .662 | .312 |
| 60323-1 | A | 23-19 | .125-.165 | .171 | 8 | .020 | Brass | .300 | .700 | .550 | .230 |
| 60323-2 | A | 23-19 | .125-.165 | .171 | 8 | .020 | Tin Plated Brass | .300 | .700 | .550 | .230 |
| 485046-1 | B | 18-14 | .080-.120 | .204 | 10 | .028 | Lu-Bronze* | .370 | .915 | .730 | .380 |
| 485044-1 | B | 18-14 | .080-.120 | .185 | 8 | .028 | Lu-Bronze* | .365 | .882 | .700 | .380 |
| 485079-1 | B | 18-14 | .080-.120 | .173 | 8 | .028 | Lu-Bronze* | .370 | .915 | .730 | .380 |
| 485045-1 | B | 18-14 | .080-.120 | .147 | 6 | .028 | Lu-Bronze* | .370 | .915 | .730 | .380 |
| 61705-1 | B | 24-20 or (2)-24 | .045-.080 or (2) .045 MAX | .197 | 10 | .014 | Tin Plated Brass | .375 | .634 | .447 | .250 |
| 60224-1 | C | 22-18 | — | .132 | — | .030 | Brass | .290 | .500 | .355 | .195 |
| 60536-1 | C | 22-18 | — | .147 | — | .030 | Brass | .290 | .500 | .355 | .195 |
| 61719-1 | C | 22-18 | — | .171 | 8 | .030 | Brass | .290 | .500 | .355 | .195 |
| 485019-1 | C | 22-18 | — | .090 | 2 | .030 | Brass | .290 | .500 | .355 | .195 |
| 350571-1 | C | 13-11 | — | .180 | — | .025 | Brass/Tin | .342 | .665 | .495 | .312 |
| 61787-1 | D | 18-14 | Special | .180 | 8 | .020 | Brass | .310 | .833 | .662 | .312 |
| 61787-2 | D | 18-14 | Special | .180 | 8 | .020 | Tin Plated Brass | .310 | .833 | .662 | .312 |
| 640026-1 | D | 18-14 | Special | .145 | 6 | .020 | Brass/Tin | .310 | .833 | .662 | .312 |
| 485070-1 | D | 23-19 | .100-.140 | .145 | 6 | .020 | Tin Plated Brass | .240 | .833 | .657 | .312 |
| 505017-1 | E | 20-16 | — | — | — | .020 | Brass | .625 | .940 | .627 | .467 |
| 505018-1 | F | 20-16 | — | — | — | .020 | Brass | .340 | .830 | .660 | .500 |
| 640106-1 | G | 18-14 | — | .180 | — | .020 | Brass | .310 | 1.050 | .877 | .698 |

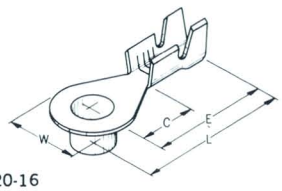
*High conductivity copper-tin-zinc alloy.

# OPEN BARREL
# RINGS AND SPADES

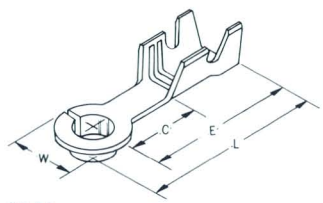
## EXTRUDED RING TONGUE



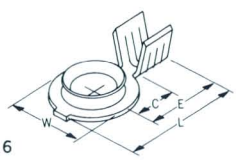

**A**
Wire Range: 20-14



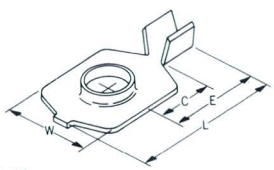

**B**
Wire Range: 20-16



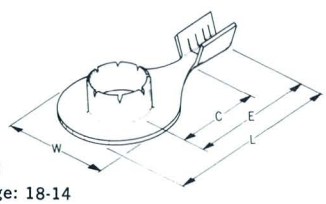

**C**
Wire Range: 20-18



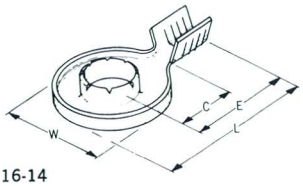

**A**
Wire Range: 20-16




**B**
Wire Range: 18-14




**C**
Wire Range: 18-14




**D**
Wire Range: 16-14

## INSULATION SUPPORT

| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 42481-1 | A | 20-18 | .075-.110 | .194 | — | .020 | Brass | .335 | .650 | .468 | .218 |
| 42481-2 | A | 20-18 | .075-.110 | .194 | — | .020 | Brass/Tin | .335 | .650 | .468 | .218 |
| 60546-1 | A | 18-14 | .120-.170 or (2) .115 | .194 | — | .020 | Brass | .335 | .650 | .468 | .218 |
| 61006-1† | B | 20-16 | .070-.100 | ** | — | .020 | Brass | .437 | .963 | .745 | .460 |
| 350419-1 | C | 20-18 | .060-.110 | .126 | — | .020 | Brass | .225 | .562 | .455 | .255 |

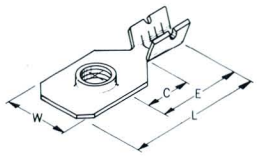
## NON-INSULATION SUPPORT

| CATALOG NUMBER | TYPE | WIRE RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|
| 42461-1 | A• | 20-16 | .119 | 4 | .020 | Brass | .270 | .408 | .273 | .145 |
| 42461-2 | A• | 20-16 | .119 | 4 | .020 | Brass/Tin | .270 | .408 | .273 | .145 |
| 42462-1 | A• | 20-16 | .132 | — | .020 | Brass | .270 | .408 | .273 | .145 |
| 42462-2 | A• | 20-16 | .132 | — | .020 | Brass/Tin | .270 | .408 | .273 | .145 |
| 42463-1 | A• | 20-16 | .145 | 6 | .020 | Brass | .270 | .408 | .273 | .145 |
| 42463-2 | A• | 20-16 | .145 | 6 | .020 | Brass/Tin | .270 | .408 | .273 | .145 |
| 42463-3 | A• | 20-16 | .145 | 6 | .020 | Steel/Pre-Nickel | .270 | .408 | .273 | .145 |
| 42832-1 | A• | 20-16 | .145 | 6 | .020 | Brass | .315 | .440 | .285 | .160 |
| 42832-2 | A• | 20-16 | .145 | 6 | .020 | Brass/Tin | .315 | .440 | .285 | .160 |
| 42832-3 | A• | 20-16 | .145 | 6 | .020 | Steel/Pre-Nickel | .315 | .440 | .285 | .160 |
| 41374 | A• | 20-16 | .145 | 6 | .020 | Steel/Pre-Nickel | .315 | .445 | .285 | .160 |
| 42464-1 | A• | 20-16 | .160 | — | .020 | Brass | .270 | .408 | .273 | .145 |
| 42464-2 | A• | 20-16 | .160 | — | .020 | Brass/Tin | .270 | .408 | .273 | .145 |
| 34576 | A• | 20-16 | .171 | 8 | .020 | Brass | .315 | .445 | .285 | .160 |
| 42465-1 | A• | 20-16 | .171 | 8 | .020 | Brass | .270 | .408 | .273 | .145 |
| 42465-2 | A• | 20-16 | .171 | 8 | .020 | Brass/Tin | .270 | .408 | .273 | .145 |
| 42833-1 | A• | 20-16 | .171 | 8 | .020 | Brass | .315 | .440 | .285 | .160 |
| 42833-2 | A• | 20-16 | .171 | 8 | .020 | Brass/Tin | .315 | .440 | .285 | .160 |
| 42833-3 | A• | 20-16 | .171 | 8 | .020 | Steel/Pre-Nickel | .315 | .440 | .285 | .160 |
| 41958 | A• | 20-16 | .171 | 8 | .020 | Brass/Tin | .315 | .445 | .285 | .160 |
| 41746 | A• | 20-16 | .171 | 8 | .020 | Steel/Pre-Nickel | .315 | .445 | .285 | .160 |
| 34540 | A | 20-16 | .197 | 10 | .020 | Brass | .315 | .445 | .285 | .160 |
| 42834-1 | A• | 20-16 | .197 | 10 | .020 | Brass | .315 | .440 | .285 | .160 |
| 42834-2 | A• | 20-16 | .197 | 10 | .020 | Brass/Tin | .315 | .440 | .285 | .160 |
| 42834-3 | A• | 20-16 | .197 | 10 | .020 | Steel/Pre-Nickel | .315 | .440 | .285 | .160 |
| 41373 | A• | 20-16 | .197 | 10 | .020 | Steel/Pre-Nickel | .315 | .445 | .285 | .160 |
| 60969-1 | B | 18-14 | * | — | .016 | Brass | .500 | .765 | .506 | .350 |
| 60003-1† | C• | 18-14 | ** | — | .016 | Brass | .430 | .690 | .475 | .265 |
| 60003-2† | C• | 18-14 | ** | — | .016 | Brass/Tin | .430 | .690 | .475 | .265 |
| 41691† | D• | 16-14 | ** | — | .016 | Brass | .430 | .705 | .490 | .280 |
| 41692† | D• | 16-14 | ** | — | .016 | Brass/Tin | .430 | .705 | .490 | .280 |

† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel
* Extrusion used as .203 Dia. locking pin for brush spring.
** Extrusion used as rivet in .250 Dia. hole.

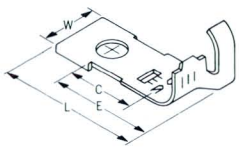
# OPEN BARREL
# RINGS AND SPADES

## EXTRUDED RING TONGUE (cont'd)

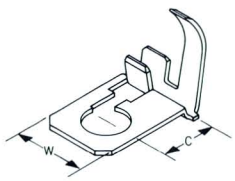



**E**
Wire Range: .090-.125 Calrod

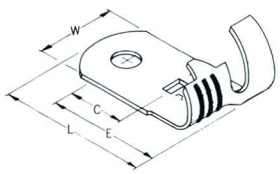
## FLAG RING TONGUE



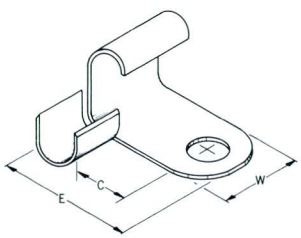

**A**
Wire Range: 18-12




**B**
Wire Range: 18-14




**C**
Wire Range: 18-10

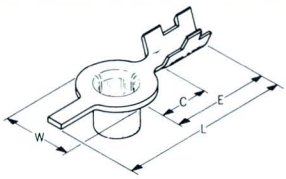



**D**
Wire Range: 16-12

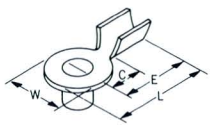
## NON-INSULATION SUPPORT (Cont'd)

| CATALOG NUMBER | TYPE | WIRE RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|
| 42994-1 | E• | .090-.125 Calrod | 8-32 NC-2 Thread | — | .032 | Steel/Nickel | .300 | .602 | .425 | .220 |
| 42994-2 | E• | .090-.125 Calrod | 8-32 NC-2 Thread | — | .032 | Stainless Steel | .300 | .602 | .425 | .220 |
| 640056-1 | E• | 24-20 | 6-32 NC-2 Thread | — | .025 | Brass | .300 | .602 | .425 | .280 |
| 61106-1 | F | Tinsel | *** | — | .012 | Brass/Tin | .140 | .360 | .210 | .100 |
| 61463-1† | G | 24-20 | **** | — | .012 | Annealed Brass | .200 | .350 | .245 | .130 |
| 61463-3† | G | 24-20 | **** | — | .012 | Annealed Brass/Tin | .200 | .350 | .245 | .130 |

*** Extrusion used as rivet in .100 Dia. hole.
**** Extrusion used as rivet in .115 Dia. hole.




**F**




**G**
Wire Range: 24-20

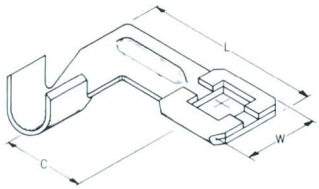
## INSULATION SUPPORT

| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 61740-1† | A• | 18-12 | .110-.210 | .171 | 8 | .018 | Brass/Tin | .354 | .740 | .532 | .263 |
| 61443-1† | B• | 18-14 | .100-.140 | .176 | — | .020 | Brass/Pre-Tin | .380 | — | — | .270 |
| 41892† | C• | 18-12 | .110-.210 | .146 | — | .018 | Brass | .376 | .720 | .532 | .263 |
| 42189-1† | C• | 18-12 | .110-.210 | .146 | — | .018 | Brass/Tin | .376 | .720 | .532 | .263 |
| 41893† | C• | 18-12 | .110-.210 | .172 | — | .018 | Brass | .376 | .720 | .532 | .263 |
| 42190-1† | C• | 18-12 | .110-.210 | .172 | — | .018 | Brass/Tin | .376 | .720 | .532 | .263 |
| 41894† | C• | 18-12 | .110-.210 | .203 | — | .018 | Brass | .376 | .720 | .532 | .263 |
| 42191-1† | C• | 18-12 | .110-.210 | .203 | — | .018 | Brass/Tin | .376 | .720 | .532 | .263 |
| 42191-4† | C• | 18-12 | .110-.210 | .203 | — | .018 | Steel/Nickel | .376 | .720 | .532 | .263 |
| 42903-1† | C• | 18-12 | .110-.210 | .265 | ¼ | .018 | Brass | .376 | .720 | .532 | .263 |
| 42903-2† | C• | 18-12 | .110-.210 | .265 | ¼ | .018 | Brass/Tin | .376 | .720 | .532 | .263 |
| 61282-1† | C• | 12-10 | .110-.210 | .145 | 6 | .018 | Brass | .376 | .720 | .532 | .263 |
| 61525-1† | C• | 12-10 | .110-.210 | .171 | 8 | .018 | Brass | .376 | .720 | .532 | .263 |
| 42898-1† | C• | 12-10 | .110-.210 | .203 | — | .018 | Brass | .376 | .720 | .532 | .263 |
| 42898-2† | C• | 12-10 | .110-.210 | .203 | — | .018 | Brass/Tin | .376 | .720 | .532 | .263 |
| 41702† | D | 16-12 | .090-.120 | .093 | 2 | .030 | Brass/Tin | .375 | .620 | — | .355 |
| 42317† | D | 16-12 | .090-.120 | .171 | 8 | .030 | Brass | .375 | .620 | — | .355 |
| 41562† | D | 16-12 | .090-.120 | .171 | 8 | .030 | Brass/Tin | .375 | .620 | — | .355 |
| 40998† | D | 16-12 | .090-.120 | .197 | 10 | .030 | Brass/Tin | .375 | .620 | — | .355 |
| 40910† | D | 16-12 | .090-.120 | .197 | 10 | .030 | Steel/Tin | .375 | .620 | — | .355 |

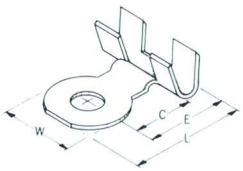
† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel

# OPEN BARREL
# RINGS AND SPADES

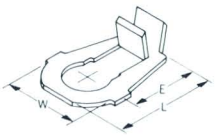
## FLAG RING TONGUE (cont'd)




**A**
Wire Range: 20-16

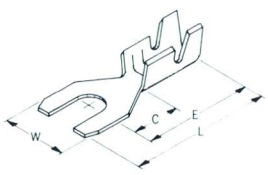



**B**
Wire Range: 18-16




**C**
Wire Range: 18-16

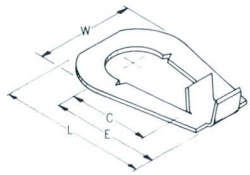
## SPADE TONGUE



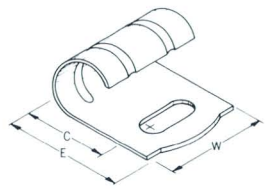

**A**
Wire Range: 26-14

### NON-INSULATION SUPPORT

| CATALOG NUMBER | TYPE | WIRE RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|
| 42803-1† | A | 20-16 | .260 Sq. | — | .025 | Steel/Pre-Nickel | .500 | .995 | — | .584 |
| 41984-1† | B | 18-16 | .096 | — | .020 | Brass | .280 | .496 | .342 | .220 |
| 41984† | B | 18-16 | .096 | — | .020 | Brass/Tin | .280 | .496 | .342 | .220 |
| 41764† | B | 18-16 | .096 | — | .020 | Steel/Pre-Nickel | .280 | .496 | .342 | .220 |
| 41443† | B | 18-16 | .145 | 6 | .020 | Brass/Tin | .280 | .496 | .342 | .220 |
| 42754-1† | B | 18-16 | .171 | 8 | .020 | Brass | .280 | .496 | .342 | .220 |
| 42754-2† | B | 18-16 | .171 | 8 | .020 | Brass/Tin | .280 | .496 | .342 | .220 |
| 41329† | B | 18-16 | .197 | 10 | .020 | Brass/Tin | .280 | .496 | .342 | .220 |
| 42316-1† | C | 18-16 | .171 | 8 | .020 | Brass | .370 | .465 | .343 | .208 |
| 40703† | C | 18-16 | .171 | 8 | .020 | Brass/Tin | .370 | .465 | .343 | .208 |
| 41457† | D | 18-16 | .197 | 10 | .020 | Brass | .370 | .465 | .343 | .208 |
| 41458† | D | 18-16 | .197 | 10 | .020 | Brass/Tin | .370 | .465 | .343 | .208 |
| 42719-1† | E | Special | .172 x .210 | — | .016 | Brass | .343 | .484 | — | — |
| 42719-2† | E | Special | .172 x .210 | — | .016 | Brass/Tin | .343 | .484 | — | — |




**D**
Wire Range: 18-16



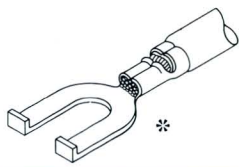

**E**

### INSULATION SUPPORT

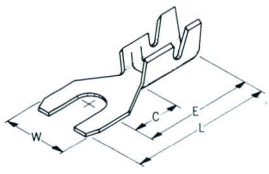
| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 61346-1 | A● | 26-20 | .048-.078 | .065 | — | .020 | Brass/Tin | .250 | .553 | .425 | .215 |
| 60124-1 | A● | 26-20 | .048-.078 | .142 | — | .020 | Brass | .250 | .563 | .422 | .215 |
| 60124-2 | A● | 26-20 | .048-.078 | .142 | — | .020 | Brass/Tin | .250 | .563 | .422 | .215 |
| 60403-1* | A | 24-22 | .060-.100 | .171 | 8 | .020 | Brass | .275 | .657 | .465 | .175 |
| 60403-2* | A | 24-22 | .060-.100 | .171 | 8 | .020 | Brass/Tin | .275 | .657 | .465 | .175 |
| 42160-1* | A● | 24-20 | .048-.071 | .115 | — | .020 | Brass | .187 | .517 | .392 | .185 |
| 42160-2* | A● | 24-20 | .048-.071 | .115 | — | .020 | Brass/Tin | .187 | .517 | .392 | .185 |
| 42161-1 | A● | 24-20 | .048-.071 | .128 | — | .020 | Brass | .187 | .517 | .392 | .185 |
| 42161-2 | A● | 24-20 | .048-.071 | .128 | — | .020 | Brass/Tin | .187 | .517 | .392 | .185 |
| 42156-1 | A● | 24-20 | .048-.071 | .133 | — | .020 | Brass | .250 | .578 | .422 | .215 |
| 42445-2 | A● | 24-20 | .048-.071 | .133 | — | .020 | Brass/Tin | .250 | .578 | .422 | .215 |
| 60445-1 | A● | 24-20 | .048-.078 | .145 | 6 | .014 | Brass | .250 | .598 | .442 | .215 |
| 60445-2 | A● | 24-20 | .048-.078 | .145 | 6 | .014 | Brass/Tin | .250 | .598 | .442 | .215 |
| 60499-1 | A● | 24-20 | .048-.078 | .119 | 4 | .014 | Brass/Tin | .190 | .573 | .442 | .215 |
| 60344-1 | A● | 24-20 | .048-.078 | .133 | — | .014 | Brass | .250 | .598 | .442 | .215 |
| 60344-2 | A● | 24-20 | .048-.078 | .133 | — | .014 | Brass/Tin | .250 | .598 | .422 | .215 |
| 60500-1 | A● | 24-20 | .048-.078 | .171 | 8 | .014 | Brass/Tin | .300 | .590 | .442 | .215 |

† Applicator feed from side — all others are end feed.
● Serrated Wire Barrel
* Terminal also available with flange on spade tongue — formed by applicator during crimping operation. Add suffix letter (A) to part no. when ordering applicator tooling.

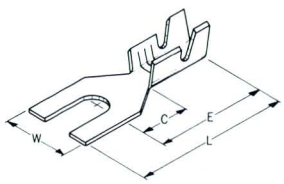
# OPEN BARREL
# RINGS AND SPADES



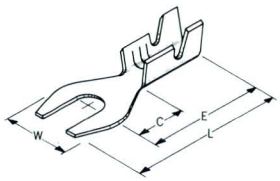
## SPADE TONGUE (cont'd)




**A**
Wire Range: 26-14




**B**
Wire Range: 24-6




**C**
Wire Range: 24-20

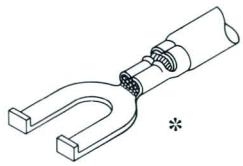
### INSULATION SUPPORT (Cont'd)

| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 60501-1 | A● | 24-20 | .048-.078 | .197 | 10 | .014 | Brass/Tin | .300 | .590 | .442 | .215 |
| 40897* | A | 22-18 | .060-.100 | .145 | 6 | .020 | Brass | .275 | .657 | .465 | .175 |
| 41077* | A | 22-18 | .060-.100 | .145 | 6 | .020 | Brass/Tin | .275 | .657 | .465 | .175 |
| 41077-1* | A | 22-18 | .060-.100 | .145 | 6 | .020 | Brass/Tin | .275 | .657 | .465 | .175 |
| 41030* | A | 22-18 | .060-.100 | .171 | 8 | .020 | Brass | .275 | .657 | .465 | .175 |
| 41382* | A | 22-18 | .060-.100 | .171 | 8 | .020 | Brass/Tin | .275 | .657 | .465 | .175 |
| 40622* | A | 20-16 | .090-.130 | .145 | 6 | .020 | Brass | .275 | .657 | .463 | .175 |
| 40763* | A | 20-16 | .090-.130 | .145 | 6 | .020 | Brass/Tin | .275 | .657 | .463 | .175 |
| 42939-1* | A | 20-16 | .090-.130 | .145 | 6 | .020 | Copper/Tin | .275 | .657 | .463 | .175 |
| 41811* | A | 20-16 | .090-.130 | .171 | 8 | .020 | Brass | .275 | .657 | .463 | .175 |
| 41343* | A | 20-16 | .090-.130 | .171 | 8 | .020 | Brass/Tin | .275 | .657 | .463 | .175 |
| 60550-1* | A● | 18-16 | .075-.110 | .145 | 6 | .018 | Brass/Tin | .250 | .664 | .495 | .215 |
| 60551-1 | A● | 18-16 | .075-.110 | .171 | 8 | .018 | Brass/Tin | .300 | .664 | .495 | .215 |
| 60552-1 | A● | 18-16 | .075-.110 | .197 | 10 | .018 | Brass/Tin | .300 | .664 | .495 | .215 |
| 60773-1* | A● | 18-14 | .100-.140 | .145 | 6 | .018 | Brass | .295 | .748 | .540 | .235 |
| 60773-2* | A● | 18-14 | .100-.140 | .145 | 6 | .018 | Brass/Tin | .295 | .748 | .540 | .235 |
| 60774-1* | A● | 18-14 | .100-.140 | .171 | 8 | .018 | Brass | .295 | .748 | .540 | .235 |
| 60774-2* | A● | 18-14 | .100-.140 | .171 | 8 | .018 | Brass/Tin | .295 | .748 | .540 | .235 |
| 61431-1 | A | 18-14 | .100-.140 | .171 | 8 | .030 | Brass/Tin | .390 | .752 | .612 | .312 |
| 61430-1 | A | 18-14 | .100-.140 | .197 | 10 | .030 | Brass/Tin | .390 | .752 | .612 | .312 |
| 60775-1* | A● | 18-14 | .100-.140 | .197 | 10 | .018 | Brass | .295 | .748 | .540 | .235 |
| 60775-2* | A● | 18-14 | .100-.140 | .197 | 10 | .018 | Brass/Tin | .295 | .748 | .540 | .235 |
| 60725-1 | A | 18-14 | .130-.180 | .145 | 6 | .020 | Brass/Tin | .275 | .657 | .463 | .175 |
| 60140-1 | A | 18-14 | .130-.180 | .171 | 8 | .020 | Brass | .275 | .657 | .463 | .175 |
| 60140-2 | A | 18-14 | .130-.180 | .171 | 8 | .020 | Brass/Tin | .275 | .657 | .463 | .175 |
| | | | | | | | | | | | |
| 485039-1† | B● | 24-20 | .050-.100 | .145 | 6 | .020 | Brass/Tin | .285 | .605 | .470 | .220 |
| 485040-1† | B● | 24-20 | .050-.100 | .197 | 10 | .020 | Brass/Tin | .375 | .650 | .470 | .220 |
| 485041-1† | B● | 24-20 | .050-.100 | .265 | ¼ | .020 | Brass/Tin | .470 | .815 | .590 | .340 |
| 485042-1† | B● | 24-20 | .050-.100 | .328 | 5/16 | .020 | Brass/Tin | .470 | .815 | .590 | .340 |
| 485031-1† | B● | 18-14 | .085-.140 | .145 | 6 | .025 | Brass/Tin | .285 | .730 | .585 | .220 |
| 485032-1† | B● | 18-14 | .085-.140 | .197 | 10 | .025 | Brass/Tin | .375 | .765 | .585 | .220 |
| 485033-1† | B● | 18-14 | .085-.140 | .265 | ¼ | .025 | Brass/Tin | .470 | .930 | .705 | .340 |
| 485034-1† | B● | 18-14 | .085-.140 | .328 | 5/16 | .025 | Brass/Tin | .470 | .930 | .705 | .340 |
| 61859-1† | B● | 18-14 | .090-.150 | .171 | 8 | .030 | Brass/Tin | .375 | .930 | .750 | .400 |
| 61857-1† | B● | 18-14 | .090-.150 | .197 | 10 | .030 | Brass/Tin | .375 | .930 | .750 | .400 |
| 485024-1† | B● | 12-10 | .125-.220 | .197 | 10 | .030 | Brass/Tin | .375 | .830 | .650 | .220 |
| 485026-1† | B● | 12-10 | .125-.220 | .265 | ¼ | .030 | Brass/Tin | .470 | .995 | .770 | .340 |
| 485025-1† | B● | 12-10 | .125-.220 | .328 | 5/16 | .030 | Brass/Tin | .470 | .995 | .770 | .340 |
| 61858-1† | B● | 12-10 | .135-.220 | .197 | 10 | .040 | Brass/Tin | .375 | .990 | .810 | .400 |
| 61855-1† | B● | 10-6 | .170-.290 | .197 | 10 | .040 | Brass/Tin | .375 | 1.015 | .810 | .400 |
| | | | | | | | | | | | |
| 42158-1 | C● | 24-20 | .048-.071 | .171 | 8 | .020 | Brass | .375 | .590 | .465 | .258 |
| 42158-2 | C● | 24-20 | .048-.071 | .171 | 8 | .020 | Brass/Tin | .375 | .590 | .465 | .258 |
| 42159-1 | C● | 24-20 | .048-.071 | .187 | — | .020 | Brass | .375 | .590 | .465 | .258 |
| 42159-2 | C● | 24-20 | .048-.071 | .187 | — | .020 | Brass/Tin | .375 | .590 | .465 | .258 |
| 42509-1 | C● | 24-20 | .048-.071 | .197 | 10 | .020 | Brass | .375 | .590 | .465 | .258 |
| 42509-2 | C● | 24-20 | .048-.071 | .197 | 10 | .020 | Brass/Tin | .375 | .590 | .465 | .258 |

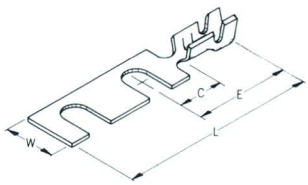
● Serrated Wire Barrel  † Applicator feed from side — all others are end feed.

* Terminals also available with flange on spade tongue — formed by applicator during crimping operation. Add suffix letter (A) to part no. when ordering applicator tooling.

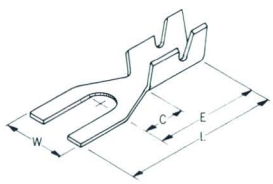
# OPEN BARREL
# RINGS AND SPADES



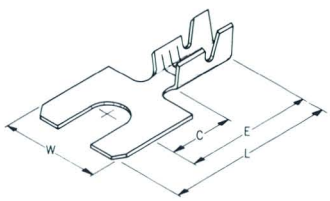

## SPADE TONGUE
(cont'd)



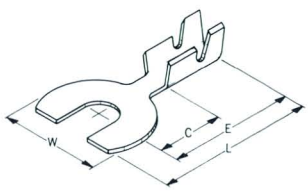

**D**
Wire Range: 24-20



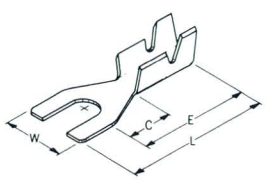

**E**
Wire Range: 24-10




**F**
Wire Range: 26-18




**G**
Wire Range: 24-18



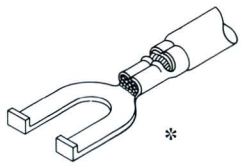

**H**
Wire Range: 20-14

### INSULATION SUPPORT (Cont'd)

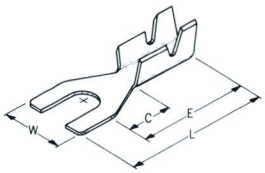
| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 60539-1† | D | 24-20 | .048-.078 | (2) .196 | — | .014 | Brass | .300 | 1.290 | .540 | .310 |
| 60539-2† | D | 24-20 | .048-.078 | (2) .196 | — | .014 | Brass/Tin | .300 | 1.290 | .540 | .310 |
| 60494-1 | E | 24-20 | .045-.080 | .119 | 4 | .020 | Brass/Tin | .290 | .621 | .470 | .220 |
| 60495-1 | E | 24-20 | .045-.080 | .145 | 6 | .020 | Brass/Tin | .290 | .621 | .470 | .220 |
| 60466-1 | E | 24-20 | .045-.080 | .171 | 8 | .020 | Brass | .290 | .621 | .470 | .220 |
| 60466-2 | E | 24-20 | .045-.080 | .171 | 8 | .020 | Brass/Tin | .290 | .621 | .470 | .220 |
| 60467-1 | E | 24-20 | .045-.080 | .197 | 10 | .020 | Brass | .290 | .621 | .470 | .220 |
| 60467-2 | E | 24-20 | .045-.080 | .197 | 10 | .020 | Brass/Tin | .290 | .621 | .470 | .220 |
| 41583* | E | 24-20 | .080-.100 | .119 | 4 | .020 | Brass | .290 | .621 | .470 | .220 |
| 41587* | E | 24-20 | .080-.100 | .119 | 4 | .020 | Brass/Tin | .290 | .621 | .470 | .220 |
| 41584* | E | 24-20 | .080-.100 | .145 | 6 | .020 | Brass | .290 | .621 | .470 | .220 |
| 41588* | E | 24-20 | .080-.100 | .145 | 6 | .020 | Brass/Tin | .290 | .621 | .470 | .220 |
| 41585* | E | 24-20 | .080-.100 | .171 | 8 | .020 | Brass | .290 | .621 | .470 | .220 |
| 41589* | E | 24-20 | .080-.100 | .171 | 8 | .020 | Brass/Tin | .290 | .621 | .470 | .220 |
| 41586* | E | 24-20 | .080-.100 | .197 | 10 | .020 | Brass | .290 | .621 | .470 | .220 |
| 41590* | E | 24-20 | .080-.100 | .197 | 10 | .020 | Brass/Tin | .290 | .621 | .470 | .220 |
| 60671-1* | E | 24-20 | .080-.100 | .145 | 6 | .018 | Brass | .290 | .621 | .470 | .220 |
| 60671-2* | E | 24-20 | .080-.100 | .145 | 6 | .018 | Brass/Tin | .290 | .621 | .470 | .220 |
| 60672-1* | E | 24-20 | .080-.100 | .171 | 8 | .018 | Brass | .290 | .621 | .470 | .220 |
| 60672-2* | E | 24-20 | .080-.100 | .171 | 8 | .018 | Brass/Tin | .290 | .621 | .470 | .220 |
| 60673-1* | E | 24-20 | .080-.100 | .197 | 10 | .018 | Brass | .290 | .621 | .470 | .220 |
| 60673-2* | E | 24-20 | .080-.100 | .197 | 10 | .018 | Brass/Tin | .290 | .621 | .470 | .220 |
| 61338-1 | E | 12-10 | .150-.210 | .197 | 10 | .030 | Brass/Tin | .400 | 1.040 | .765 | .345 |
| 41469 | F• | 26-20 | .050-.095 | .145 | 6 | .020 | Brass | .295 | .570 | .443 | .180 |
| 41470 | F• | 26-20 | .050-.095 | .145 | 6 | .020 | Brass/Tin | .295 | .570 | .443 | .180 |
| 41610 | F | 20-18 | .065-.090 | .145 | 6 | .025 | Brass/Tin | .375 | .750 | .555 | .280 |
| 41635 | F | 20-18 | .065-.090 | .145 | 6 | .025 | Brass/Tin | .437 | .750 | .555 | .280 |
| 41611 | F | 20-18 | .065-.090 | .173 | — | .025 | Brass/Tin | .375 | .750 | .555 | .280 |
| 41636 | F | 20-18 | .065-.090 | .173 | — | .025 | Brass/Tin | .437 | .750 | .555 | .280 |
| 41612 | F | 20-18 | .065-.090 | .197 | 10 | .025 | Brass/Tin | .375 | .750 | .555 | .280 |
| 41637 | F | 20-18 | .065-.090 | .197 | 10 | .025 | Brass/Tin | .437 | .750 | .555 | .280 |
| 61238-1 | G | 24-20 | .075-.100 | .119 | 4 | .020 | Brass/Tin | .250 | .535 | .442 | .218 |
| 42413-1 | G | 20-18 | .075-.100 | .119 | 4 | .020 | Brass | .235 | .535 | .442 | .218 |
| 40880 | G | 20-18 | .075-.100 | .119 | 4 | .020 | Brass | .250 | .532 | .442 | .218 |
| 42413-2 | G | 20-18 | .075-.100 | .119 | 4 | .020 | Brass/Tin | .235 | .535 | .442 | .218 |
| 40644 | G | 20-18 | .075-.100 | .119 | 4 | .020 | Brass/Tin | .250 | .535 | .442 | .218 |
| 41734 | H | 20-16 | .100-.140 | .145 | 6 | .030 | Brass/Tin | .343 | .752 | .612 | .312 |
| 60071-1 | H | 20-16 | .100-.140 | .171 | 8 | .030 | Brass | .343 | .752 | .612 | .312 |
| 41735 | H | 20-16 | .100-.140 | .171 | 8 | .030 | Brass/Tin | .343 | .752 | .612 | .312 |
| 41957 | H | 20-16 | .100-.140 | .197 | 10 | .030 | Brass | .343 | .752 | .612 | .312 |
| 40969 | H | 20-16 | .100-.140 | .197 | 10 | .030 | Brass/Tin | .343 | .752 | .612 | .312 |
| 40650 | H | 20-16 | .100-.140 | .197 | 10 | .031 | Copper/Tin | .343 | .752 | .612 | .312 |
| 40656 | H | 18-14 | .100-.140 | .145 | 6 | .030 | Brass | .343 | .752 | .612 | .312 |

† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel
* Terminals also available with flange on spade tongue — formed by applicator during crimping operation. Add suffix letter (A) to part no. when ordering applicator tooling.

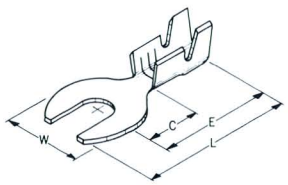
# OPEN BARREL
# RINGS AND SPADES



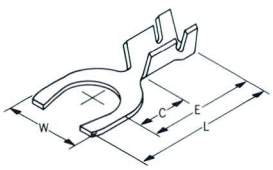
## SPADE TONGUE
(cont'd)



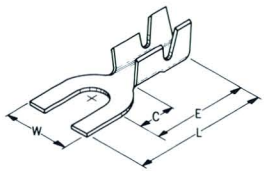

**H**
Wire Range: 20-14



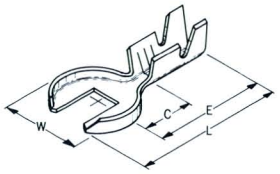

**J**
Wire Range: 18-14




**K**
Wire Range: 18-14




**L**
Wire Range: 24-14

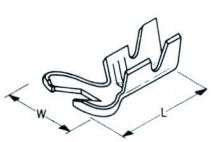



**M**
Wire Range: 18-14

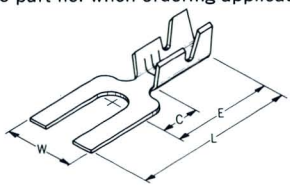
## INSULATION SUPPORT (Cont'd)

| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 40806 | H | 18-14 | .100-.140 | .145 | 6 | .030 | Brass/Tin | .343 | .752 | .612 | .312 |
| 40657 | H | 18-14 | .100-.140 | .171 | 8 | .030 | Brass | .343 | .752 | .612 | .312 |
| 40865 | H | 18-14 | .100-.140 | .171 | 8 | .030 | Brass/Tin | .343 | .752 | .612 | .312 |
| 42291-1 | H | 18-14 | .100-.140 | .171 | 8 | .025 | Brass | .343 | .752 | .612 | .312 |
| 42291-2 | H | 18-14 | .100-.140 | .171 | 8 | .025 | Brass/Tin | .343 | .752 | .612 | .312 |
| 40658 | H | 18-14 | .100-.140 | .197 | 10 | .030 | Brass | .343 | .752 | .612 | .312 |
| 40808 | H | 18-14 | .100-.140 | .197 | 10 | .030 | Brass/Tin | .343 | .752 | .612 | .312 |
| 40808-1 | H | 18-14 | .100-.140 | .197 | 10 | .031 | Steel/Nickel | .343 | .752 | .612 | .312 |
| 42813-1 | H | 18-14 | .100-.140 | .223 | 12 | .025 | Brass | .343 | .752 | .612 | .312 |
| 42813-2 | H | 18-14 | .100-.140 | .223 | 12 | .025 | Brass/Tin | .343 | .752 | .612 | .312 |
| 60977-1 | J• | 18-14 | .120-.170 | .171 | 8 | .030 | Brass/Tin | .300 | .744 | .545 | .266 |
| 41380 | K | 18-14 | .130-.180 | .195 | — | .025 | Brass/Tin | .312 | .646 | .552 | .209 |
| 60509-1* | L | 24-20 | .045-.080 | .145 | 6 | .020 | Brass | .296 | .818 | .544 | .219 |
| 41259* | L | 22-16 | .100-.130 | .145 | 6 | .031 | Copper/Tin | .296 | .818 | .592 | .219 |
| 60576-1* | L | 22-16 | .100-.130 | .145 | 6 | .031 | Steel/Nickel | .296 | .818 | .592 | .219 |
| 42047* | L | 22-16 | .100-.130 | .171 | 8 | .031 | Copper/Tin | .406 | .818 | .592 | .265 |
| 61712-1* | L | 22-18 | .140-.185 | .197 | 10 | .020 | Brass | .343 | .657 | .465 | .175 |
| 41609 | L | 18-14 | .130-.180 | .145 | 6 | .025 | Brass | .312 | .646 | .552 | .209 |
| 60456-1 | L | 18-14 | .130-.180 | .145 | 6 | .025 | Brass/Tin | .312 | .646 | .552 | .209 |
| 60251-1 | L | 18-14 | .130-.180 | .171 | 8 | .025 | Brass | .312 | .645 | .520 | .209 |
| 60251-2 | L | 18-14 | .130-.180 | .171 | 8 | .025 | Brass/Tin | .312 | .645 | .520 | .209 |
| 60998-1† | M• | 18-14 | .120-.180 | .205 x .291 | — | .030 | Copper/Tin | .490 | .800 | .613 | .333 |
| 61053-1† | M• | 18-14 | .080-.120 | .205 x .291 | — | .030 | Copper/Tin | .490 | .800 | .613 | .333 |
| 60999-1† | N• | 18-14 | .120-.180 | .205 x .291 | — | .030 | Copper/Tin | .490 | Max. .715 | — | — |
| 61054-1† | N• | 18-14 | .080-.120 | .205 x .291 | — | .030 | Copper/Tin | .490 | Max. .710 | — | — |
| 60389-1* | P• | 20-16 | .100-.140 | .145 | 6 | .020 | Brass | .280 | .757 | .530 | .225 |
| 60390-1* | P• | 20-16 | .100-.140 | .171 | 8 | .020 | Brass | .280 | .757 | .530 | .225 |
| 60391-1* | P• | 20-16 | .100-.140 | .197 | 10 | .020 | Brass | .280 | .757 | .530 | .225 |
| 350502-1 | Q• | 26-22 | .035-.045 | .133 | — | .016 | Brass/Tin | .250 | .545 | .435 | .215 |
| 350502-2 | Q• | 26-22 | .035-.045 | .133 | — | .016 | Brass | .250 | .545 | .435 | .215 |

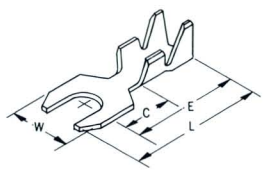
† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel
* Terminals also available with flange on spade tongue — formed by applicator during crimping operation. Add suffix letter (A) to part no. when ordering applicator tooling.




**N**
Wire Range: 18-14

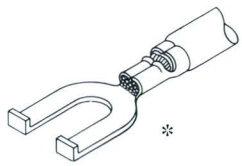



**P**
Wire Range: 20-16

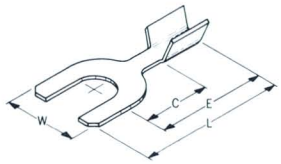



**Q**
Wire Range: 26-22

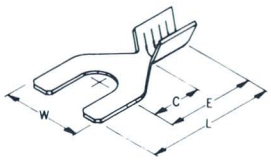
# OPEN BARREL
# RINGS AND SPADES



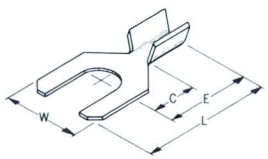
## SPADE TONGUE
(cont'd)




**A**
Wire Range: 22-14




**B**
Wire Range: 12-10




**C**
Wire Range: 22-14

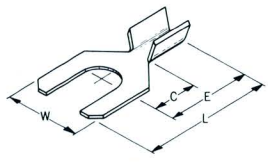
### NON-INSULATION SUPPORT

| CATALOG NUMBER | TYPE | WIRE RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|
| 42725-1 | A | 22-16 | .125 | — | .020 | Brass | .250 | .531 | .406 | .250 |
| 40608 | A | 22-16 | .125 | — | .020 | Brass/Tin | .250 | .531 | .406 | .250 |
| 41879 | A | 22-16 | .125 | — | .020 | Steel/Pre-Nickel | .250 | .531 | .406 | .250 |
| 34568 | A | 20-16 | .145 | 6 | .020 | Brass | .260 | .472 | .350 | .194 |
| 40687 | A | 20-16 | .145 | 6 | .020 | Brass/Tin | .260 | .472 | .350 | .194 |
| 40950 | A | 20-14 | .145 | 6 | .030 | Brass | .260 | .472 | .350 | .194 |
| 41441 | A | 18-14 | .145 | 6 | .030 | Brass | .339 | .688 | .500 | .344 |
| 34815 | A | 18-14 | .145 | 6 | .030 | Brass/Tin | .339 | .688 | .500 | .344 |
| 41363 | A | 18-14 | .145 | 6 | .030 | Steel/Tin | .339 | .688 | .500 | .344 |
| 61381-2 | A | 18-14 | .171 | 8 | .030 | Brass | .339 | .688 | .500 | .344 |
| 61381-1 | A | 18-14 | .171 | 8 | .030 | Brass/Tin | .339 | .688 | .500 | .344 |
| 40944 | A | 18-14 | .171 | 8 | .020 | Steel/Nickel | .315 | .537 | .389 | .249 |
| 41442 | A | 18-14 | .197 | 10 | .030 | Brass | .339 | .688 | .500 | .344 |
| 34816 | A | 18-14 | .197 | 10 | .030 | Brass/Tin | .339 | .688 | .500 | .344 |
| 60158-1† | B• | 12-10 | .197 | 10 | .040 | Brass | .530 | .965 | .700 | .435 |
| 60158-2† | B• | 12-10 | .197 | 10 | .040 | Brass/Tin | .530 | .965 | .700 | .435 |
| 60515-1† | B• | 12-10 | .218 | — | .040 | Brass/Tin | .530 | .965 | .700 | .435 |
| 60159-1† | B• | 12-10 | .265 | 1/4 | .040 | Brass | .530 | .965 | .700 | .435 |
| 60159-2† | B• | 12-10 | .265 | 1/4 | .040 | Brass/Tin | .530 | .965 | .700 | .435 |
| 60313-1† | B• | 12-10 | .281 | — | .040 | Brass | .530 | .965 | .700 | .435 |
| 60313-2† | B• | 12-10 | .281 | — | .040 | Brass/Tin | .530 | .965 | .700 | .435 |
| 60160-1† | B• | 12-10 | .328 | 5/16 | .040 | Brass | .530 | .965 | .700 | .435 |
| 60160-2† | B• | 12-10 | .328 | 5/16 | .040 | Brass/Tin | .530 | .965 | .700 | .435 |
| 60161-1† | B• | 12-10 | .390 | 3/8 | .040 | Brass | .530 | .965 | .700 | .435 |
| 60161-2† | B• | 12-10 | .390 | 3/8 | .040 | Brass/Tin | .530 | .965 | .700 | .435 |
| 42268-1 | C | 22-18 | .145 | 6 | .020 | Brass | .250 | .578 | .422 | .215 |
| 42268-2 | C | 22-18 | .145 | 6 | .020 | Brass/Tin | .250 | .578 | .422 | .215 |
| 42318-1 | C | 20-16 | .145 | 6 | .020 | Brass | .275 | .527 | .330 | .194 |
| 42318-2 | C | 20-16 | .145 | 6 | .020 | Brass/Tin | .275 | .527 | .330 | .194 |
| 40636* | C | 20-16 | .145 | 6 | .020 | Brass/Tin | .275 | .492 | .295 | .175 |
| 34594* | C | 20-16 | .145 | 6 | .020 | Brass | .275 | .492 | .295 | .175 |
| 42319-1 | C | 20-16 | .171 | 8 | .020 | Brass | .275 | .527 | .295 | .175 |
| 42319-2 | C | 20-16 | .171 | 8 | .020 | Brass/Tin | .275 | .527 | .295 | .175 |
| 41402* | C | 20-16 | .171 | 8 | .020 | Brass/Tin | .275 | .492 | .295 | .175 |
| 350435-1 | C | 18-14 | .125 | — | .025 | Brass | .275 | .492 | .295 | .175 |
| 40576* | C | 18-14 | .145 | 6 | .030 | Brass | .275 | .492 | .330 | .175 |
| 40783* | C | 18-14 | .145 | 6 | .030 | Brass/Tin | .275 | .492 | .295 | .175 |
| 40577* | C | 18-14 | .145 | 6 | .025 | Brass | .275 | .482 | .295 | .175 |
| 42320-1 | C | 18-14 | .145 | 6 | .025 | Brass | .275 | .527 | .330 | .175 |
| 42320-2 | C | 18-14 | .145 | 6 | .025 | Brass/Tin | .275 | .527 | .330 | .175 |
| 40819* | C | 18-14 | .145 | 6 | .025 | Brass/Tin | .275 | .482 | .295 | .175 |
| 60266-1* | C | 18-14 | .145 | 6 | .020 | Brass | .275 | .527 | .330 | .175 |
| 60266-2* | C | 18-14 | .145 | 6 | .020 | Brass/Tin | .275 | .527 | .330 | .175 |
| 41751* | C | 18-14 | .145 | 6 | .020 | Brass | .275 | .492 | .295 | .175 |
| 41751-1* | C | 18-14 | .145 | 6 | .020 | Brass/Tin | .275 | .492 | .295 | .175 |
| 40782* | C | 18-14 | .171 | 8 | .020 | Brass | .275 | .492 | .295 | .175 |

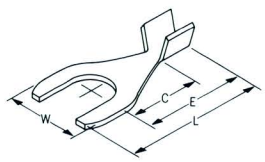
† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel
* Terminals also available with flange on spade tongue — formed by applicator during crimping operation. Add suffix letter (A) to part no. when ordering applicator tooling.

# OPEN BARREL
# RINGS AND SPADES

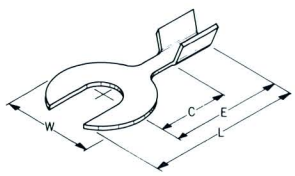
## SPADE TONGUE
(cont'd)



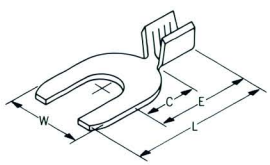

**C**
Wire Range: 22-14



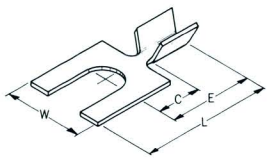

**D**
Wire Range: 20-14




**E**
Wire Range: 20-14




**F**
Wire Range: 18-10

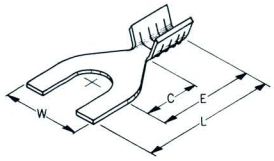



**G**
Wire Range: 22-16

## NON-INSULATION SUPPORT (Cont'd)

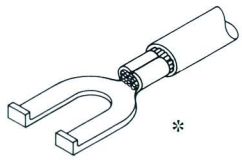
| CATALOG NUMBER | TYPE | WIRE RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | W | L | E | C |
| 40782-1* | C | 18-14 | .171 | 8 | .020 | Steel Pre-Nickel | .275 | .492 | .295 | .175 |
| 60267-1* | C | 18-14 | .171 | 8 | .020 | Brass | .275 | .527 | .330 | .175 |
| 60267-2* | C | 18-14 | .171 | 8 | .020 | Brass/Tin | .275 | .527 | .330 | .175 |
| 40705* | C | 18-14 | .171 | 8 | .025 | Brass | .275 | .482 | .295 | .175 |
| 42321-1 | C | 18-14 | .171 | 8 | .025 | Brass | .275 | .527 | .330 | .175 |
| 42321-2 | C | 18-14 | .171 | 8 | .025 | Brass/Tin | .275 | .527 | .330 | .175 |
| 41473* | C | 18-14 | .171 | 8 | .025 | Brass/Tin | .275 | .482 | .295 | .175 |
| 40602† | D | 20-14 | .145 | 6 | .030 | Brass | .281 | .555 | .420 | .250 |
| 60438-1† | D | 20-14 | .145 | 6 | .030 | Brass/Tin | .281 | .555 | .420 | .250 |
| 40603† | D | 20-14 | .171 | 8 | .030 | Brass | .281 | .555 | .420 | .250 |
| 40814† | D | 20-14 | .171 | 8 | .030 | Brass/Tin | .281 | .555 | .420 | .250 |
| 60144-1† | E | 20-14 | .171 | 8 | .030 | Brass | .312 | .549 | .417 | .250 |
| 60144-2† | E | 20-14 | .171 | 8 | .030 | Brass/Tin | .312 | .549 | .417 | .250 |
| 41109† | E | 18-14 | .197 | 10 | .020 | Brass/Tin | .312 | .562 | .437 | .270 |
| 40917 | F | 18-14 | .145 | 6 | .020 | Brass | .315 | .537 | .389 | .249 |
| 42403-1 | F | 18-14 | .145 | 6 | .020 | Brass/Tin | .315 | .537 | .389 | .249 |
| 40519 | F• | 18-14 | .145 | 6 | .030 | Brass/Tin | .343 | .629 | .437 | .275 |
| 60925-1 | F• | 18-14 | .171 | 8 | .030 | Brass | .343 | .629 | .437 | .275 |
| 40520 | F• | 18-14 | .171 | 8 | .030 | Brass/Tin | .343 | .629 | .437 | .275 |
| 60189-1 | F• | 18-14 | .171 | 8 | .030 | Brass/Silver | .343 | .629 | .437 | .275 |
| 40543 | F | 18-14 | .171 | 8 | .020 | Brass | .315 | .537 | .389 | .249 |
| 40701 | F | 18-14 | .171 | 8 | .020 | Brass/Tin | .315 | .537 | .389 | .249 |
| 34813 | F | 18-14 | .197 | 10 | .020 | Brass | .315 | .537 | .389 | .249 |
| 41318 | F | 18-14 | .197 | 10 | .020 | Brass/Tin | .315 | .537 | .389 | .249 |
| 40521 | F• | 18-14 | .197 | 10 | .030 | Brass/Tin | .343 | .629 | .437 | .275 |
| **350515-1** | **F•** | **16-12** | **.197** | **10** | **.040** | **Brass** | **.375** | **.680** | **.500** | **.281** |
| 40525 | F• | 12-10 | .145 | 6 | .040 | Brass/Tin | .372 | .669 | .506 | .281 |
| 40526 | F• | 12-10 | .171 | 8 | .040 | Brass/Tin | .372 | .669 | .506 | .281 |
| 40527 | F• | 12-10 | .197 | 10 | .040 | Brass/Tin | .372 | .669 | .506 | .281 |
| 41023* | G | 22-16 | .145 | 6 | .030 | Brass | .297 | .549 | .350 | .203 |
| 41003* | G | 22-16 | .145 | 6 | .030 | Brass/Tin | .297 | .549 | .350 | .203 |
| 61550-1 | H• | 18-14 | .119 | 4 | .018 | Brass | .295 | .660 | .415 | .235 |
| 60821-1* | H• | 18-14 | .145 | 6 | .018 | Brass | .295 | .660 | .415 | .235 |
| 60822-1* | H• | 18-14 | .171 | 8 | .018 | Brass | .295 | .660 | .415 | .235 |
| 60822-2* | H• | 18-14 | .171 | 8 | .018 | Brass/Tin | .295 | .660 | .415 | .235 |

† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel
* Terminals also available with flange on spade tongue — formed by applicator during crimping operation. Add suffix letter (A) to part no. when ordering applicator tooling.

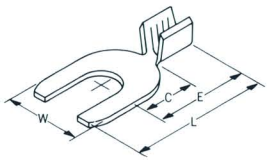



**H**
Wire Range: 18-14

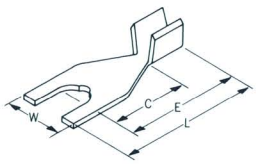
# OPEN BARREL
# RINGS AND SPADES



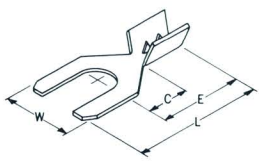
## SPADE TONGUE
(cont'd)



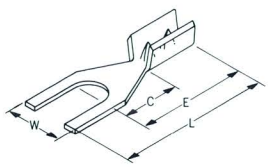

**J**
Wire Range: 12-10




**K**
Wire Range: 18-14




**A**
Wire Range: 26-18




**B**
Wire Range: 26-22

### NON-INSULATION SUPPORT (Cont'd)

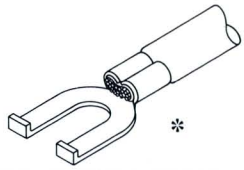
| CATALOG NUMBER | TYPE | WIRE RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | W | L | E | C |
| 42112-1* | J• | 12-10 | .145 | 6 | .030 | Brass | .312 | .688 | .450 | .235 |
| 42113-1* | J• | 12-10 | .145 | 6 | .030 | Brass/Tin | .312 | .688 | .450 | .235 |
| 42113-3* | J• | 12-10 | .145 | 6 | .030 | Brass/Silver | .312 | .688 | .450 | .235 |
| 42112-2* | J• | 12-10 | .171 | 8 | .030 | Brass | .312 | .688 | .450 | .235 |
| 42113-2* | J• | 12-10 | .171 | 8 | .030 | Brass/Tin | .312 | .688 | .450 | .235 |
| 42113-4* | J• | 12-10 | .171 | 8 | .030 | Brass/Silver | .312 | .688 | .450 | .235 |
| 42093-1* | J• | 12-10 | .197 | 10 | .030 | Brass | .420 | .688 | .450 | .235 |
| 40891* | J• | 12-10 | .197 | 10 | .030 | Brass | .312 | .688 | .450 | .235 |
| 42094-1* | J• | 12-10 | .197 | 10 | .030 | Brass/Tin | .420 | .688 | .480 | .235 |
| 41495* | J• | 12-10 | .197 | 10 | .030 | Brass/Tin | .312 | .688 | .450 | .235 |
| 42787-1* | J• | 12-10 | .223 | 12 | .030 | Brass | .420 | .688 | .480 | .270 |
| 42093-2* | J• | 12-10 | .265 | ¼ | .030 | Brass | .420 | .688 | .480 | .265 |
| 42094-2* | J• | 12-10 | .265 | ¼ | .030 | Brass/Tin | .420 | .688 | .480 | .265 |
| 61328-1 | K• | 18-14 | .171 | 8 | .018 | Brass/Tin | .295 | .700 | .525 | .340 |

### INSULATION PIERCING

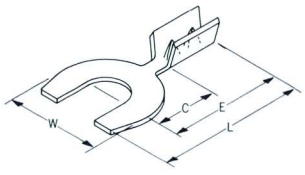
| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | W | L | E | C |
| 61498-1 | A | 26-22 | .035-.045 | .133 | — | .016 | Brass | .250 | .578 | .422 | .215 |
| 61498-2 | A | 26-22 | .035-.045 | .133 | — | .016 | Brass/Tin | .250 | .578 | .422 | .215 |
| 61385-1 | A | 26-22 | .035-.045 | .145 | 6 | .016 | Brass | .250 | .547 | .422 | .215 |
| 61385-2 | A | 26-22 | .035-.045 | .145 | 6 | .016 | Brass/Tin | .250 | .547 | .422 | .215 |
| 42389-1* | A | 26-22 | .045-.050 | .133 | — | .020 | Brass | .250 | .578 | .422 | .215 |
| 40997 | A | 26-22 | .045-.050 | .133 | — | .020 | Brass | .250 | .578 | .422 | .215 |
| 41162 | A | 26-22 | .045-.050 | .133 | — | .020 | Brass/Tin | .250 | .578 | .422 | .215 |
| 60234-1 | A | 26-22 | .045-.050 | .133 | — | .016 | Brass | .250 | .578 | .422 | .215 |
| 60234-2 | A | 26-22 | .045-.050 | .133 | — | .016 | Brass/Tin | .250 | .578 | .422 | .215 |
| 60234-3 | A | 26-22 | .045-.050 | .133 | — | .016 | Brass/Pre-Tin | .250 | .578 | .472 | .215 |
| 61519-1 | A | 26-22 | .045-.050 | .133 | — | .016 | Brass | .250 | .578 | .472 | .265 |
| 61519-2 | A | 26-22 | .045-.050 | .133 | — | .016 | Brass/Tin | .250 | .578 | .472 | .265 |
| 61519-3 | A | 26-22 | .045-.050 | .133 | — | .016 | Brass/Pre-Tin | .250 | .578 | .472 | .265 |
| 42783-1 | A | 26-22 | .045-.050 | .145 | 6 | .020 | Brass | .250 | .578 | .422 | .215 |
| 42783-2 | A | 26-22 | .045-.050 | .145 | 6 | .020 | Brass/Tin | .250 | .578 | .422 | .215 |
| 41068 | A | 26-22 | .045-.060 | .115 | — | .020 | Brass | .187 | .522 | .392 | .187 |
| 41408 | A | 26-22 | .045-.060 | .115 | — | .020 | Brass/Tin | .187 | .522 | .392 | .187 |
| 41072 | A | 26-22 | .045-.060 | .128 | — | .020 | Brass | .187 | .522 | .392 | .187 |
| 42309-1 | A | 26-22 | .058-.062 | .133 | — | .020 | Brass | .250 | .500 | .392 | .187 |
| 41933 | A | 26-22 | .058-.062 | .133 | — | .020 | Brass/Tin | .250 | .500 | .392 | .187 |
| 60307-1 | A | 24-20 | .050-.070 | .145 | 6 | .016 | Brass | .250 | .578 | .422 | .215 |
| 60307-2 | A | 24-20 | .050-.070 | .145 | 6 | .016 | Brass/Tin | .250 | .578 | .422 | .215 |
| 42339-1 | A | 20-18 | .065-.080 | .133 | — | .020 | Brass | .250 | .542 | .412 | .206 |
| 42339-2 | A | 20-18 | .065-.080 | .133 | — | .020 | Brass/Tin | .250 | .542 | .412 | .206 |
| 60425-1 | A | 20-18 | .065-.080 | .133 | — | .016 | Brass/Tin | .250 | .542 | .412 | .206 |
| 41544 | B | 26-22 | .058-.062 | .115 | — | .020 | Brass/Tin | .187 | .500 | .392 | .187 |

† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel
* Terminals also available with flange on spade tongue — formed by applicator during crimping operation. Add suffix letter (A) to part no. when ordering applicator tooling.

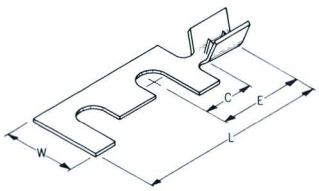
# OPEN BARREL
# RINGS AND SPADES



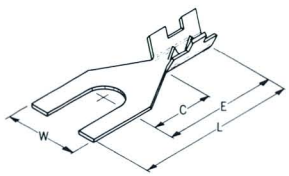
## SPADE TONGUE
(cont'd)



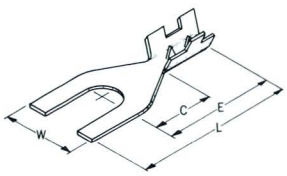

**C**
Wire Range: 26-22




**D**
Wire Range: 24-20




**E**
Wire Range: 20-18

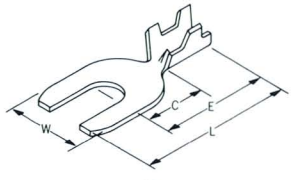



**F**
Wire Range: 20-18

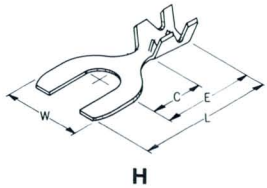
### INSULATION PIERCING (Cont'd)

| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | W | L | E | C |
| 41066 | C | 26-22 | .045-.060 | .187 | — | .020 | Brass | .375 | .585 | .460 | .260 |
| 41494 | C | 26-22 | .045-.060 | .187 | — | .020 | Brass/Tin | .375 | .585 | .460 | .260 |
| 40674-0† | D | 24-20 | .050-.070 | (2) .196 | — | .016 | Brass | .300 | 1.250 | .500 | .310 |
| 41067 | E | 20-18 | .065-.080 | .115 | — | .020 | Brass | .187 | .518 | .393 | .187 |
| 41693 | E | 20-18 | .065-.080 | .115 | — | .020 | Brass/Tin | .187 | .518 | .393 | .187 |
| 41321 | E | 20-18 | .065-.080 | .117 | — | .020 | Brass/Tin | .250 | .578 | .412 | .206 |
| 41071 | E | 20-18 | .065-.080 | .128 | — | .020 | Brass | .187 | .518 | .393 | .187 |
| 34809 | E | 20-18 | .065-.080 | .133 | — | .020 | Brass | .250 | .578 | .412 | .206 |
| 40582 | E | 20-18 | .065-.080 | .133 | — | .020 | Brass/Tin | .250 | .578 | .412 | .206 |
| 60242-1 | E | 20-18 | .065-.080 | .133 | — | .020 | Brass/Silver | .250 | .578 | .412 | .206 |
| 42149-1 | F | 20-18 | .065-.080 | .135 | — | .020 | Brass | .250 | .578 | .468 | .218 |
| 42149-2 | F | 20-18 | .065-.080 | .135 | — | .020 | Brass/Tin | .250 | .578 | .468 | .218 |
| 41543 | G | 20-18 | .065-.080 | .135 | — | .020 | Brass | .250 | .578 | .468 | .218 |
| 40685 | G | 20-18 | .065-.080 | .135 | — | .020 | Brass/Tin | .250 | .578 | .468 | .218 |
| 42077 | H | 20-16 | .085-.105 | .117 | — | .020 | Brass/Tin | .322 | .665 | .545 | .281 |
| 42532-1* | J | 26-22 | .045-.050 | .065 | — | .020 | Brass | .250 | .578 | .422 | .215 |
| 42532-2* | J | 26-22 | .045-.050 | .065 | — | .020 | Brass/Tin | .250 | .578 | .422 | .215 |

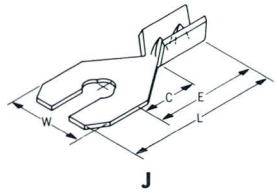
† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel
* Terminals also available with flange on spade tongue — formed by applicator during crimping operation. Add suffix letter (A) to part no. when ordering applicator tooling.




**G**
Wire Range: 20-18

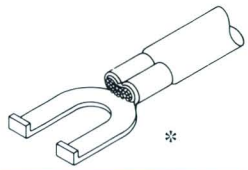



**H**
Wire Range: 20-16

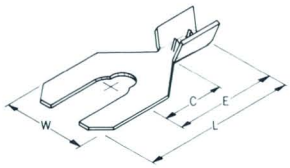



**J**
Wire Range: 26-22

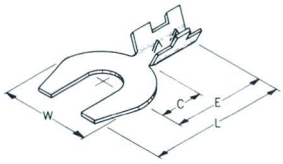
# OPEN BARREL
# RINGS AND SPADES



## SPADE TONGUE
(cont'd)

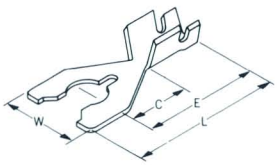



**K**
Wire Range: 26-22

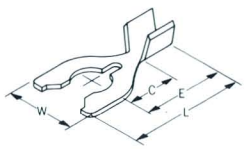



**L**
Wire Range: 20-18

## SPRING SPADE TONGUE

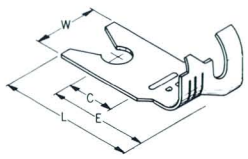



**A**
Wire Range: 18-14




**B**
Wire Range: 20-14

## FLAG SPRING SPADE TONGUE




**A**
Wire Range: 18-12

## INSULATION PIERCING (Cont'd)

| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | W | L | E | C |
| 60915-1 | K | 26-22 | .045-.050 | .133 | — | .016 | Brass/Tin | .250 | .578 | .488 | .281 |
| | | | | | | | | | | | |
| 60317-1 | L | 20-18 | .065-.080 | .187 | — | .016 | Brass | .375 | .590 | .465 | .262 |
| 41009 | L | 20-18 | .065-.080 | .187 | — | .020 | Brass | .375 | .590 | .465 | .262 |
| 41493 | L | 20-18 | .065-.080 | .187 | — | .020 | Brass/Tin | .375 | .590 | .465 | .262 |
| 41160 | L | 20-18 | .065-.080 | .204 | — | .020 | Brass/Tin | .375 | .590 | .465 | .262 |

## INSULATION SUPPORT

| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | W | L | E | C |
| 60476-1 | A | 18-14 | .100-.140 | .146 | — | .030 | Brass | .307 | .752 | .612 | .312 |
| 60187-1 | A | 18-14 | .100-.140 | .146 | — | .030 | Brass | .343 | .752 | .612 | .312 |
| 60187-2 | A | 18-14 | .100-.140 | .146 | — | .030 | Brass/Tin | .343 | .752 | .612 | .312 |
| 60476-2 | A | 18-14 | .100-.140 | .146 | — | .030 | Brass/Tin | .307 | .752 | .612 | .312 |
| 42168-1 | A | 18-14 | .100-.140 | .171 | 8 | .030 | Brass | .343 | .752 | .612 | .312 |
| 60474-1 | A | 18-14 | .100-.140 | .171 | 8 | .030 | Brass | .307 | .752 | .612 | .312 |
| 42168-2 | A | 18-14 | .100-.140 | .171 | 8 | .030 | Brass/Tin | .343 | .752 | .612 | .312 |
| 60474-2 | A | 18-14 | .100-.140 | .171 | 8 | .030 | Brass/Tin | .307 | .752 | .612 | .312 |
| 42169-1 | A | 18-14 | .100-.140 | .197 | 10 | .030 | Brass | .343 | .752 | .612 | .312 |
| 42169-2 | A | 18-14 | .100-.140 | .197 | 10 | .030 | Brass/Tin | .343 | .752 | .612 | .312 |
| 60347-1 | A | 18-14 | .100-.140 | .197 | 10 | .030 | Brass/Tin | .343 | .752 | .612 | .312 |

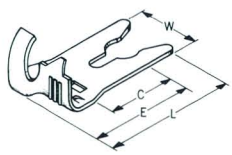
## NON-INSULATION SUPPORT

| CATALOG NUMBER | TYPE | WIRE RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | W | L | E | C |
| 485073-1 | B | 20-16 | .138 | — | .020 | Brass/Tin | .260 | .472 | .350 | .194 |
| 350568-1 | B | 18-14 | .171 | 8 | .020 | Brass/Tin | .315 | .554 | .394 | .249 |

## INSULATION SUPPORT

| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | W | L | E | C |
| 42851-1† | A• | 18-12 | .110-.210 | .147 | — | .018 | Brass | .376 | .720 | .535 | .263 |
| 42851-2† | A• | 18-12 | .110-.210 | .147 | — | .018 | Brass/Tin | .376 | .720 | .535 | .263 |
| 61902-1† | A• | 18-12 | .110-.210 | .197 | — | .018 | Brass | .315 | .720 | .535 | .263 |
| | | | | | | | | | | | |
| 60784-1† | B• | 18-12 | .110-.210 | .196 | — | .018 | Brass | .307 | .832 | .682 | .285 |

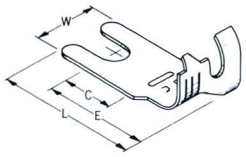
† Applicator feed from side — all others are end feed.
• Serrated Wire Barrel




**B**
Wire Range: 18-12

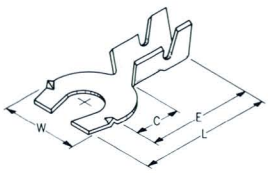
# OPEN BARREL
# RINGS AND SPADES

## FLAG SPADE TONGUE

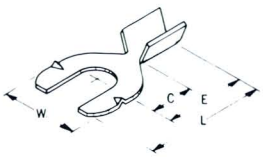



**A**
Wire Range: 18-10

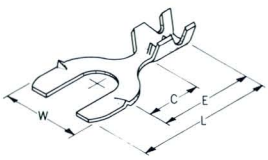
## SPADE-LOK TONGUE



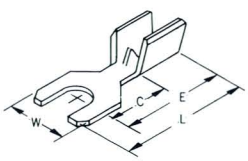

**A**
Wire Range: 18-14




**B**
Wire Range: 18-14




**C**
Wire Range: 20-16




**D**
Wire Range: 26-22

### INSULATION SUPPORT

| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 41887† | A• | 18-12 | .110-.210 | .146 | — | .018 | Brass | .376 | .720 | .535 | .263 |
| 42226-1† | A• | 18-12 | .110-.210 | .146 | — | .018 | Brass/Tin | .376 | .720 | .535 | .263 |
| 60976-1† | A• | 18-12 | .110-.210 | .171 | 8 | .018 | Brass | .315 | .720 | .538 | .263 |
| 41888† | A• | 18-12 | .110-.210 | .172 | — | .018 | Brass | .376 | .720 | .535 | .263 |
| 42187-1† | A• | 18-12 | .110-.210 | .172 | — | .018 | Brass/Tin | .376 | .720 | .535 | .263 |
| 41889† | A• | 18-12 | .110-.210 | .203 | — | .018 | Brass | .376 | .720 | .535 | .263 |
| 42188-1† | A• | 18-12 | .110-.210 | .203 | — | .018 | Brass/Tin | .376 | .720 | .535 | .263 |
| 42867-1† | A• | 12-10 | .110-.210 | .203 | — | .018 | Brass | .376 | .720 | .535 | .263 |
| 42867-2† | A• | 12-10 | .110-.210 | .203 | — | .018 | Brass/Tin | .376 | .720 | .535 | .263 |

### INSULATION SUPPORT

| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 40802 | A | 18-14 | .130-.180 | .143 | — | .025 | Brass | .312 | .645 | .520 | .209 |
| 40760 | A | 18-14 | .130-.180 | .143 | — | .025 | Brass/Tin | .312 | .645 | .520 | .209 |
| 40803 | A | 18-14 | .130-.180 | .169 | — | .025 | Brass | .312 | .645 | .520 | .209 |
| 40761 | A | 18-14 | .130-.180 | .169 | — | .025 | Brass/Tin | .312 | .645 | .520 | .209 |
| 41886 | A | 18-14 | .130-.180 | .169 | — | .025 | Brass/Silver | .312 | .645 | .520 | .209 |
| 60600-1 | A | 18-14 | .130-.180 | .169 | — | .025 | Steel/Pre-Nickel | .312 | .645 | .520 | .209 |
| 40784 | A | 18-14 | .130-.180 | .195 | — | .025 | Brass | .312 | .645 | .520 | .209 |
| 60355-1 | A | 18-14 | .130-.180 | .195 | — | .025 | Brass/Tin | .312 | .645 | .520 | .209 |
| 41209 | A | 18-14 | .130-.180 | .195 | — | .025 | Steel/Pre-Nickel | .312 | .645 | .520 | .209 |

### NON-INSULATION SUPPORT

| CATALOG NUMBER | TYPE | WIRE RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|
| 40584 | B | 18-14 | .143 | — | .025 | Brass | .312 | .490 | .365 | .209 |
| 40678 | B | 18-14 | .143 | — | .025 | Brass/Tin | .312 | .490 | .365 | .209 |
| 40585 | B | 18-14 | .169 | — | .025 | Brass | .312 | .490 | .365 | .209 |
| 40679 | B | 18-14 | .169 | — | .025 | Brass/Tin | .312 | .490 | .365 | .209 |
| 40586 | B | 18-14 | .195 | — | .025 | Brass | .312 | .490 | .365 | .209 |
| 40680 | B | 18-14 | .195 | — | .025 | Brass/Tin | .312 | .490 | .365 | .209 |
| 41338 | B | 18-14 | .169 | — | .020 | Steel/Tin | .312 | .490 | .365 | .209 |

### INSULATION PIERCING

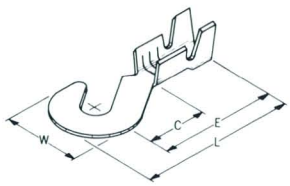
| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL W | L | E | C |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 40954 | C | 20-16 | .085-.105 | .117 | — | .020 | Brass | .322 | .665 | .545 | .281 |
| 40756 | C | 20-16 | .085-.105 | .117 | — | .020 | Steel/Tin | .322 | .665 | .545 | .281 |
| 40726 | C | 20-16 | .085-.105 | .143 | — | .020 | Brass | .322 | .665 | .545 | .281 |
| 40764 | C | 20-16 | .085-.105 | .143 | — | .020 | Brass/Tin | .322 | .665 | .545 | .281 |
| 40757 | C | 20-16 | .085-.105 | .143 | — | .020 | Steel/Tin | .322 | .665 | .545 | .281 |
| 40727 | C | 20-16 | .085-.105 | .169 | — | .020 | Brass | .322 | .665 | .545 | .281 |
| 40765 | C | 20-16 | .085-.105 | .169 | — | .020 | Brass/Tin | .322 | .665 | .545 | .281 |
| 40758 | C | 20-16 | .085-.105 | .169 | — | .020 | Steel/Tin | .322 | .665 | .545 | .281 |
| 40728 | C | 20-16 | .085-.105 | .195 | — | .020 | Brass | .322 | .665 | .545 | .281 |
| 40766 | C | 20-16 | .085-.105 | .195 | — | .020 | Brass/Tin | .322 | .665 | .545 | .281 |
| 40759 | C | 20-16 | .085-.105 | .195 | — | .020 | Steel/Tin | .322 | .665 | .545 | .281 |
| 350457-1 | D | 26-22 | .045-.050 | .133 | — | .016 | Brass/Pre-Tin | .250 | .585 | .472 | .265 |

† Applicator feed from side — all others are end feed.

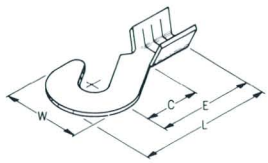
• Serrated Wire Barrel

# OPEN BARREL
# RINGS AND SPADES

## HOOK TONGUE




**A**
Wire Range: 20-16




**B**
Wire Range: 18-14

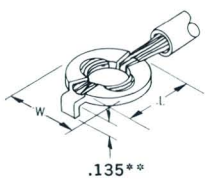
### INSULATION SUPPORT

| CATALOG NUMBER | TYPE | WIRE RANGE | INSULATION DIA. RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | W | L | E | C |
| 60072-1 | A● | 20-16 | .100-.140 | .197 | 10 | .030 | Brass | .337 | .771 | .600 | .305 |
| 60072-2 | A● | 20-16 | .100-.140 | .197 | 10 | .030 | Brass/Tin | .337 | .771 | .600 | .305 |

### NON-INSULATION SUPPORT

| CATALOG NUMBER | TYPE | WIRE RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | W | L | E | C |
| 41685 | B● | 18-14 | .171 | 8 | .025 | Brass/Tin | .300 | .535 | .365 | .200 |
| 40958 | B | 18-14 | .145 | 6 | .020 | Brass | .300 | .535 | .385 | .230 |
| 40916 | B | 18-14 | .145 | 6 | .020 | Brass/Tin | .300 | .535 | .385 | .230 |
| 42420-1 | B | 18-14 | .145 | 6 | .020 | Steel/Nickel | .300 | .535 | .385 | .230 |
| 41063 | B | 18-14 | .171 | 8 | .020 | Brass | .290 | .535 | .385 | .230 |
| 41460 | B | 18-14 | .171 | 8 | .020 | Brass/Tin | .290 | .535 | .385 | .230 |
| 40962 | B | 18-14 | .171 | 8 | .020 | Steel/Nickel | .290 | .535 | .385 | .230 |
| 41331 | B | 18-14 | .197 | 10 | .020 | Brass | .280 | .535 | .369 | .214 |
| 41461 | B | 18-14 | .197 | 10 | .020 | Brass/Tin | .280 | .535 | .369 | .214 |

## CROWN CRIMP




**A**
Wire Range: 20-14

### NON-INSULATION SUPPORT

| CATALOG NUMBER | WIRE RANGE | HOLE DIA. | STUD SIZE | STOCK THICK-NESS | MATERIAL/ FINISH | NOMINAL | |
|---|---|---|---|---|---|---|---|
| | | | | | | W | L |
| 60542-2A* | 20-18 | .145 | 6 | .012 | Brass | .320 | .320 |
| 60542-1A* | 20-18 | .145 | 6 | .012 | Brass/Tin | .320 | .320 |
| 60542-1B* | 20-18 | .155 | 6 | .012 | Brass/Tin | .320 | .320 |
| 40631-B* | 18-14 | .135 | 6 | .012 | Brass/Stearic Wax | .348 | .375 |
| 40631-C* | 18-14 | .135 | 6 | .012 | Brass/Stearic Wax | .323 | .375 |
| 40631-A* | 18-14 | .150 | 6 | .012 | Brass/Stearic Wax | .348 | .375 |
| 60238-1S** | 18-14 | .155 | 6 | .012 | Brass | .348 | .375 |
| 60239-1S** | 18-14 | .155 | 6 | .012 | Brass/Tin | .348 | .375 |
| 40630 | 18-14 | .175 | 6 | .012 | Brass/Stearic Wax | .348 | .375 |
| 40896 | 18-14 | .175 | 8 | .012 | Steel/Nickel/Stearic Wax | .348 | .375 |
| 60238-2S** | 18-14 | .180 | 8 | .012 | Brass | .348 | .375 |
| 60239-2S** | 18-14 | .180 | 8 | .012 | Brass/Tin | .348 | .375 |
| 60240-2S** | 18-14 | .180 | 8 | .012 | Steel/Nickel | .348 | .375 |
| 40629-A* | 18-14 | .182 | 10 | .012 | Brass/Stearic Wax | .385 | .375 |
| 60640-1A* | 18-14 | .182 | 10 | .012 | Brass/Stearic Wax | .385 | .375 |
| 40629-B* | 18-14 | .194 | 10 | .012 | Brass/Stearic Wax | .385 | .375 |
| 42517-1 | 18-14 | .194 | 10 | .012 | Brass/Tin/Stearic Wax | .385 | .375 |
| 60640-1B* | 18-14 | .194 | 10 | .012 | Brass/Stearic Wax | .385 | .375 |
| 60238-3S** | 18-14 | .199 | 10 | .012 | Brass | .385 | .375 |
| 60239-3S** | 18-14 | .199 | 10 | .012 | Brass/Tin | .385 | .375 |
| 60240-3S** | 18-14 | .199 | 10 | .012 | Steel/Nickel | .385 | .375 |
| 40629-C* | 18-14 | .209 | 10 | .012 | Brass/Stearic Wax | .385 | .375 |
| 60640-1C* | 18-14 | .209 | 10 | .012 | Brass/Stearic Wax | .385 | .375 |
| 62376-1 | 18-14 | .209 | 10 | .012 | Brass (.016 Stock) | .385 | .375 |

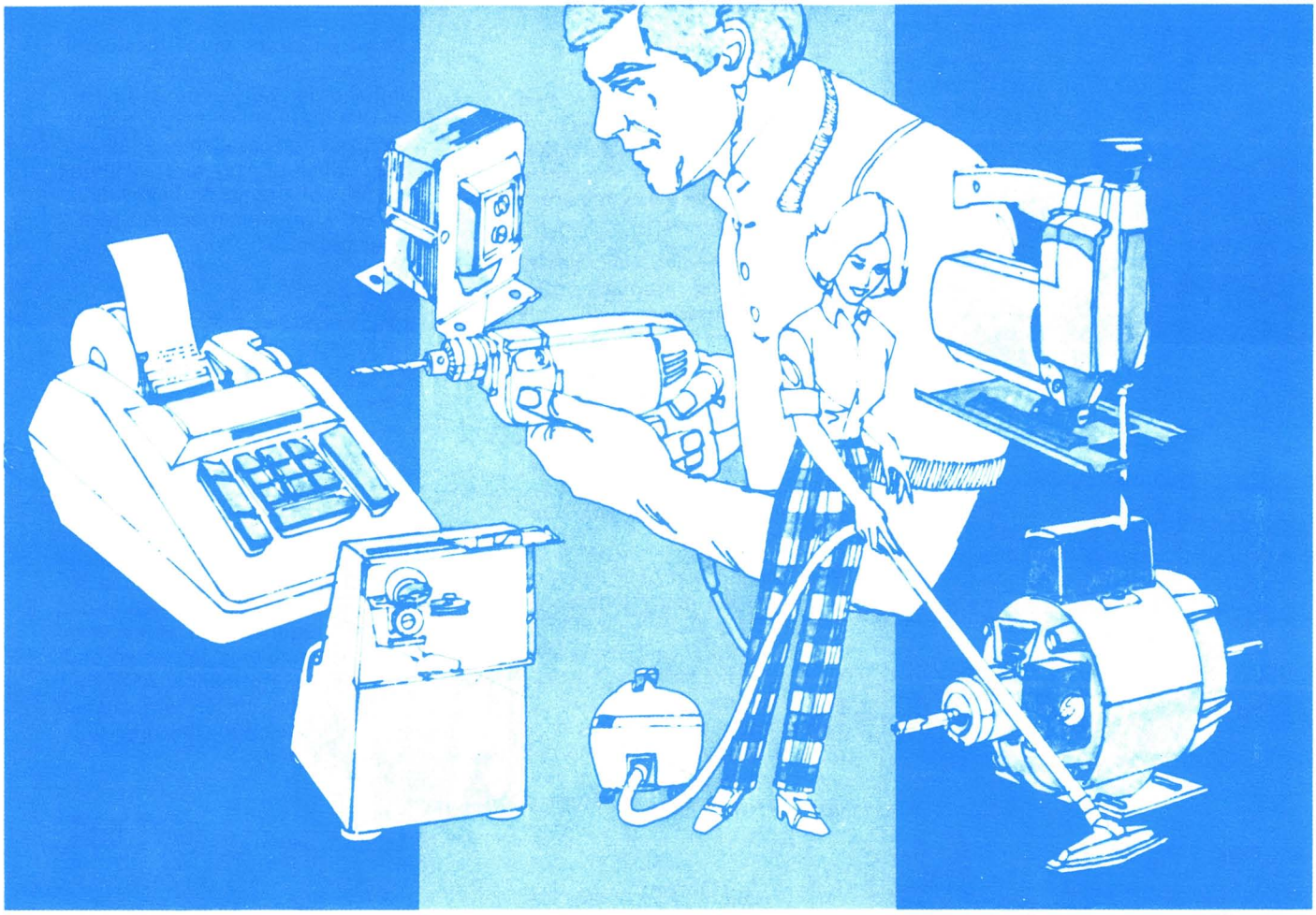
NOTE: Terminals 60640-1A, -1B and -1C are identical to their counterparts 40629-A, -B and -C, respectively, except for a heavier stearic wax coating.

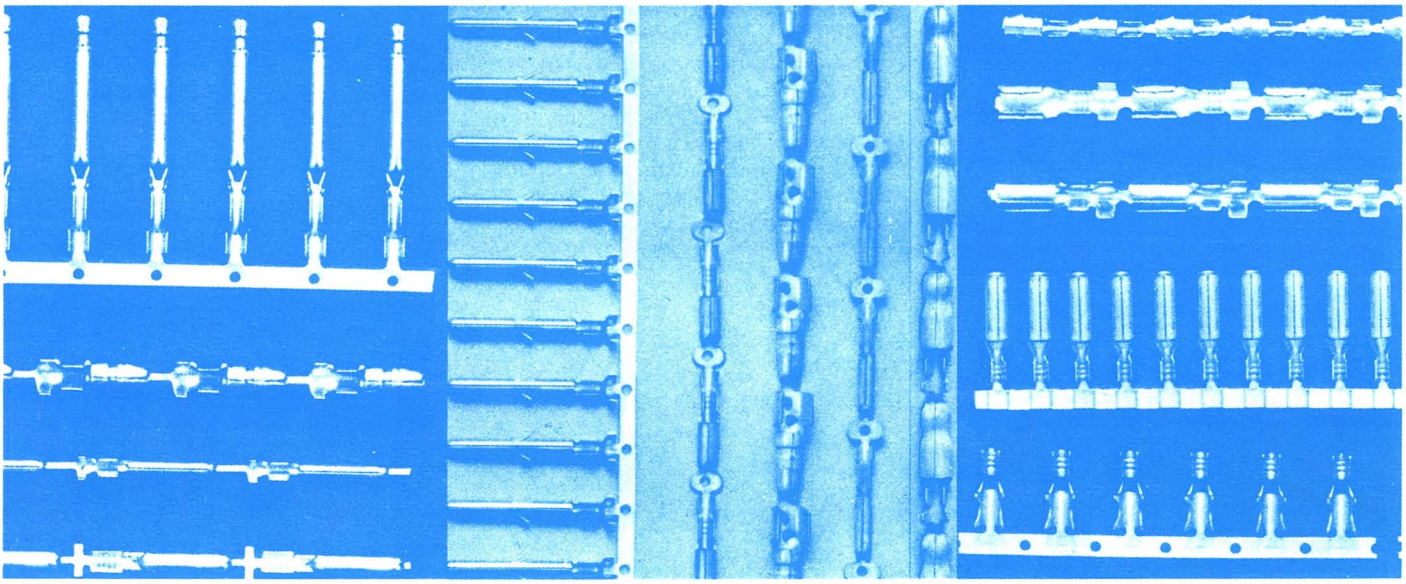
* Suffix letters A, B and C designate the specific stud hole diameter (D dimension) to be formed in the applicator during the crimping operation and are to be used only when ordering the applicator tooling.

** Suffix letter S is to be used only when ordering applicator tooling that bends the tab 90 to the .135" dimension. Applicators ordered without the letter S will automatically cut off the tab during the crimping operation.

# PINS, PLUGS, POSTS & RECEPTACLES

*applied with automatic machines*





# Pins, Plugs, Posts & Receptacles

## Explanatory Note

The tremendous diversity of solderless pins, plugs and their appropriate receptacles seems to be limited only by the ingenuity of engineers and the countless new requirements that appear regularly.

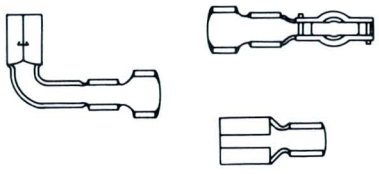
The comprehensive line of solderless pins, plugs and receptacles offered by AMP Incorporated is probably the largest on the market. Certainly, AMP has had a depth of experience with these products and their development that is unrivalled in the world. Each year, AMP develops more and more of these special products to meet the growing demands of electrical/electronic applications.

Bear in mind that AMP Incorporated manufactures many different products for modern circuitry requirements. If your needs include such other items as patchcord programming systems, basic terminal items, taper pins, or any other circuit connection/termination products, we will be happy to forward appropriate literature to you.

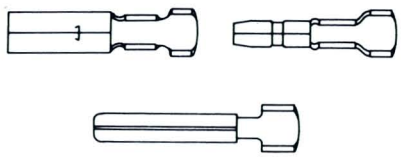
## Before You Order

To help you choose the item best suited to your requirements, the following information about each of the AMP* Pins, Plugs, Posts and Receptacles is included in the tabular data: wire size range, insulation diameter accommodation, thickness of the metal used, type of metal and finish plus standard dimensions.

When you order any of these AMP products, please forward with your initial order, 50 feet of each type of wire you plan to use. If a wire sample is not available, a full description of your wire, including number of strands and individual strand size, should be sent with your order.



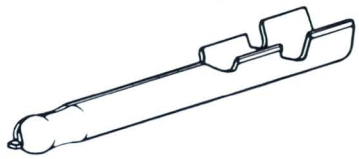
The catalog pages that follow contain the complete listing of AMP Pins, Plugs, Posts and their Receptacles. The engineer will find that one or more of these products will fit his general requirements. However, for unusual problems in design and electrical performance, AMP is ready to work closely with customers for developing the precise shape needed.

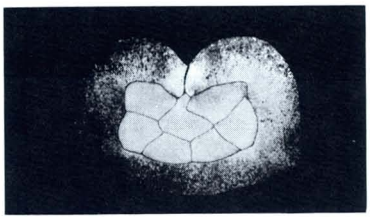


**NOTE:** Specifications subject to change. Consult AMP INCORPORATED for latest specifications prior to final design.

**ALL DIMENSIONS ARE IN INCHES.**

## Standard "F" Crimp With Insulation Support



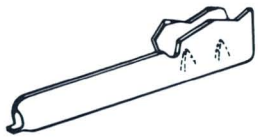


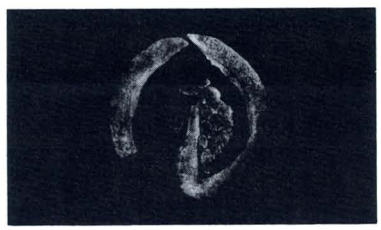
AMP Pins, Plugs, Posts and Receptacles are made in strip form, wound on reels. They all feature an open barrel construction. In the standard "F" Crimp design, the open barrel consists of two wings that are wrapped around the conductor strands and butted together in a tight seam. The crimping action of the AMP tool dies is a precise mechanical operation that creates the exact crimp with each cycle of the machine. You can be sure, therefore, of the unvarying uniformity of all units.

The insulation support feature was developed by AMP for applications where vibration tends to be excessive. This design offers the same fine quality characteristics found in the standard line plus firm, fully circumferential support to the wire insulation.

The additional insulation support consists of two extra wings on the standard "F" Crimp barrel which are wrapped around the wire insulation. This prevents harmful flexing of the wire at the termination point and deters fraying of the wire insulation. Because it increases the already significant tensile strength of the regular crimp, the vibration resistance is great enough for severe vibration problems.

## Insulation Piercing Crimp



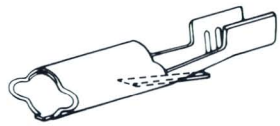


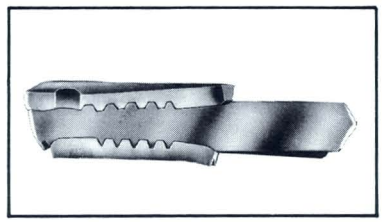
The insulation piercing line enjoys a durable popularity with electrical circuitry manufacturers because of the simplicity of attachment. The barrel contains two perpendicular lances that drive through the wire insulation to make contact with the conductor within. Consequently, one step in circuitry termination; wire stripping, is eliminated.

Tensile characteristics vary, depending on the type of wire insulation. Because the barrel wraps around the insulation, it deters insulation fraying. The insulation piercing line is a low cost, high speed attachment suitable for many requirements.

In general, insulation piercing items can be used where high currents, intense vibration and mechanical loads are not critical factors on both stranded and tinsel wire.

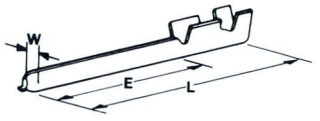
## AMPLIVAR* Receptacle

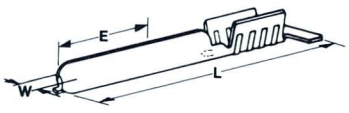


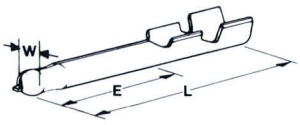


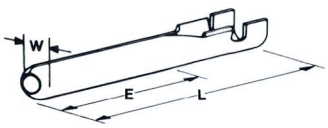
The receptacle member of AMP's tab type terminal is supplied in continuous strip form for use with varnished or other coated wires. Specially designed teeth on the receptacle barrel penetrate the wire coating as the receptacle is crimped, thereby eliminating the need for pre-stripping operations.

# Pins

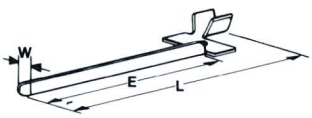
A 

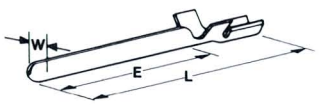

B 

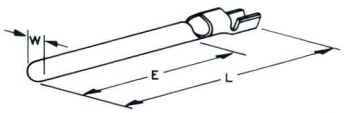

C 

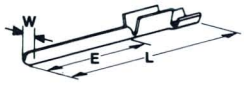

D 


E 


F 


G 


H 

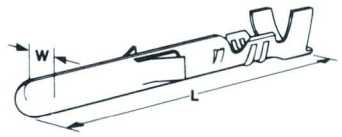

J 


## MATERIALS AND FINISH CODE

Ag.Brass—Silver Plated Brass
Ag.Phos.Bronze—Silver Plated Phosphor Bronze
Au.Phos.Bronze—Gold Plated Phosphor Bronze
Au.Be.Copper—Gold Plated Beryllium Copper
Au.Brass—Gold Plated Brass
Be.Copper—Beryllium Copper
Ni.Brass—Nickel Plated Brass
Ni.Steel—Nickel Plated Steel
Phos.Bronze—Phosphor Bronze
S.Steel—Stainless Steel
Pre Ni.Steel—Pre Nickel Plated Steel
T.Be.Copper—Tin Plated Beryllium Copper
Pre T.Be.Copper—Pre Tin Plated Beryllium Copper
T.Brass—Tin Plated Brass
Pre T.Brass—Pre Tin Plated Brass
T.Copper—Tin Plated Copper
T.L.Brass—Tin Lead Plated Brass
T.Ni.Brass—Tin over Nickel Plated Brass
T.Phos.Bronze—Tin Plated Phosphor Bronze
Pre T.Phos.Brz.—Pre Tin Plated Phosphor Bronze
Ni.Phos.Bronze—Nickel Plated Phosphor Bronze
T.Ni.Phos.Bronze—Tin over Nickel Plated Phosphor Bronze
Lu.Bronze—Lutetium Bronze

| Type | Wire Size Range | Ins. Dia. Range | Material | Stock Thickness | Nominal E | Nominal L | Nominal W | Part Number | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| **.068 Diameter Pin** | | | | | | | | | |
| A | 22-18 | .070-.090 | Brass | .018 | .515 | .820 | .068 | 60928-1 | |
| **.080 Diameter Pin** | | | | | | | | | |
| A | 30-26 | .042-.073 | T. Brass | .010 | 1.000 | 1.280 | .080 | 350053-1 | |
| A | 24-20 | .042-.073 | T. Brass | .010 | .720 | 1.000 | .080 | 62358-1 | |
| **.083 Diameter Pin** | | | | | | | | | |
| B | 26-22 | — | T. Brass | .016 | .685 | .860 | .083 | 62328-2 | Can be molded. |
| **.086 Diameter Pin** | | | | | | | | | |
| C | 22-20 | .070-.090 | Brass | .018 | .510 | .855 | .086 | 42073-0 | |
| C | 22-20 | .070-.090 | T. Brass | .018 | .510 | .855 | .086 | 42073-1 | |
| C | 22-20 | .070-.090 | Ag. Brass | .018 | .510 | .855 | .086 | 42073-2 | |
| **.093 Diameter Pin** | | | | | | | | | |
| D | 26-22 | .045-.065 | T. Brass | .016 | .345 | .640 | .093 | 42823-2 | 60044 can be molded. |
| D | 26-22 | .045-.065 | T. Brass | .016 | .360 | .745 | .093 | 60044-2 | |
| E | 22-20 | .068-.075 | T. Brass | .020 | .350 | .595 | .093 | 41212 | Insulation piercing can be molded for multiple pin plug. |
| E | 22-20 | .068-.075 | S. Steel | .020 | .350 | .595 | .093 | 41810-2 | |
| E | 22-20 | .056-.066 | Brass | .020 | .350 | .595 | .093 | 42074-0 | |
| E | 22-20 | .056-.066 | T. Brass | .020 | .350 | .595 | .093 | 42074-1 | |
| F | Spec. | .085-.100 | Brass | .016 | 1.325 | 1.670 | .093 | 42103-1 | Blanket pin. Insulation crimp. Special wire. |
| G | Spec. | — | Brass | .016 | .740 | 1.060 | .093 | 42104-1 | Blanket pin. Special wire and crimp. |
| H | 24-20 | — | T. Brass | .012 | .740 | 1.050 | .093 | 62059-1 | |
| J | Spec. | — | Brass | .016 | .745 | 1.195 | .093 | 42106-1 | Blanket pin. Special wire and crimp. One or two wires. |

# Pins
## (cont'd)

K
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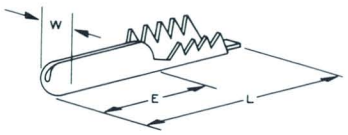


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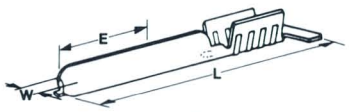


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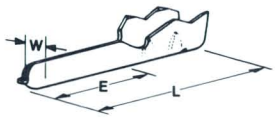


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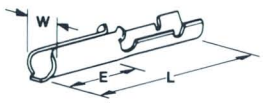


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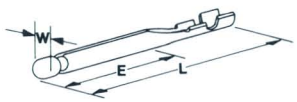


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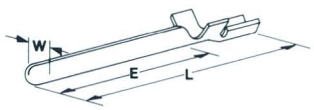
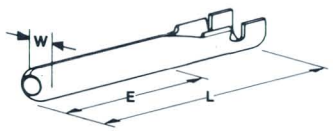



S
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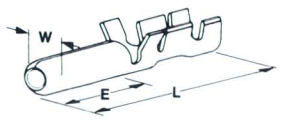


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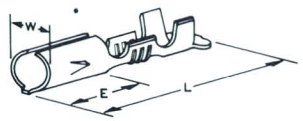
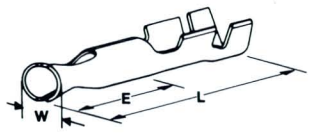



| Type | Wire Size Range | Ins. Dia. Range | Material | Stock Thickness | Nominal E | Nominal L | Nominal W | Part Number | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| **.093 Diameter Pin—(Cont'd)** | | | | | | | | | |
| K | 26-18 | .130 max. | T. Brass | .010 | .755 | 1.015 | .093 | 61105-1 | Special wire and crimp. One or two wires. |
| L | 18 max. | .075-.100 | T. Brass | .018 | — | — | — | 60420-1 | Insulation crimp. Only wire soldered in pin. |
| L | — | .020-.040 | T. Brass | .010 | .305 | .610 | .093 | 350043-1 | Insulating piercing. Can be molded. |
| **.109 Diameter Pin** | | | | | | | | | |
| K | 20-16 | .056-.099 | Brass | .020 | .750 | 1.060 | .109 | 62116-1 | |
| M | 18-14 | — | Brass | .016 | .500 | .925 | .109 | 61013-1 | Can be molded. |
| M | 18-14 | — | Brass | .020 | .350 | .595 | .109 | 61837-1 | |
| N | 22-20 | .068-.075 | Brass | .020 | .350 | .595 | .109 | 60988-1 | Insulation piercing. Can be molded. |
| N | Flat | Flat | Brass | .020 | .350 | .595 | .109 | 61674-1 | Ins. piercing. |
| **.125 Diameter Pin** | | | | | | | | | |
| A | 24-20 | .060-.103 | Brass | .016 | .450 | .705 | .125 | 62074-1 | |
| P | 22-20 | .075-.100 | T. Brass | .010 | .330 | .690 | .125 | 40907 | |
| P | 22-20 | .075-.100 | T. Brass | .010 | .330 | .690 | .125 | 41367 | 41367 same as 40907 except ears flat. |
| Q | 24-20 | .060-.103 | Brass | .016 | .450 | .705 | .125 | 62344-1 | |
| Q | 22-20 | .075-.090 | Brass | .016 | .800 | 1.393 | .125 | 60115-1 | Can be molded. |
| Q | 22-20 | .075-.090 | Ag. Brass | .016 | .800 | 1.393 | .125 | 60115-2 | |
| **.126 Diameter Pin** | | | | | | | | | |
| R | Spec. | — | Brass | .016 | .740 | 1.060 | .126 | 42105-1 | Blanket pin. Special wire and crimp. |
| **.154 Diameter Pin** | | | | | | | | | |
| S | 18-16 | .110 max. | Brass | .020 | .600 | .955 | .154 | 42265-1 | |
| **.156 Diameter Pin** | | | | | | | | | |
| T | 20-16 | .090-.120 | Brass | .020 | .365 | .780 | .156 | 42538-1 | |
| **.215 Diameter Pin (Special)** | | | | | | | | | |
| U | 20-16 | .090-.120 | Brass | .016 | .420 | .785 | .215 | 61817-1 | |

# Receptacles

A
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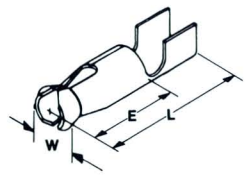


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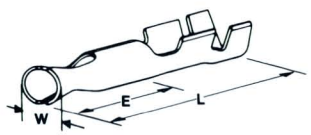


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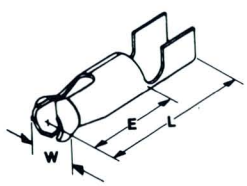


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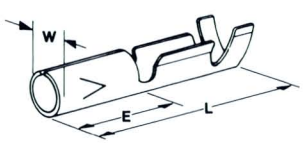


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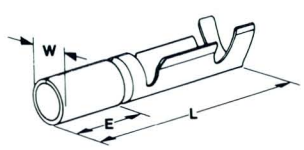


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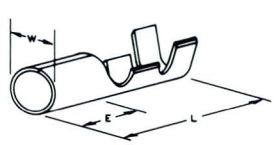


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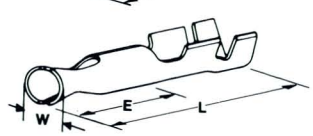
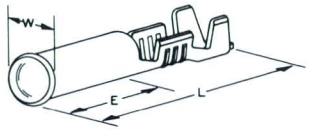



| Type | Wire Size Range | Ins. Dia. Range | Material | Stock Thickness | Nominal E | Nominal L | Nominal W | Part Number | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| **Receptacle for .032 Diameter Pin** | | | | | | | | | |
| A | 24-20 | .048-.071 | T.Brass | .012 | .220 | .450 | .095 max. | 60373-1 | |
| A | 24-20 | .048-.071 | T.Phos.Bronze | .012 | .220 | .450 | .095 max. | 60373-2 | |
| **Receptacle for .039 Diameter Pin** | | | | | | | | | |
| B | 24-20 | — | Phos.Bronze | .012 | .220 | .360 | .090 max. | 60005-1 | |
| B | 24-20 | — | T.Phos.Bronze | .012 | .220 | .360 | .090 max. | 60005-2 | |
| **Receptacle for .040 Diameter Pin** | | | | | | | | | |
| C | 24-20 | .048-.071 | Phos.Bronze | .012 | .220 | .450 | .095 max. | 42428-1 | |
| C | 24-20 | .048-.071 | T.Phos.Bronze | .012 | .220 | .450 | .095 max. | 42428-2 | |
| C | 24-20 | .048-.071 | Ag.Phos.Bronze | .012 | .220 | .450 | .095 max. | 42428-3 | |
| C | 24-20 | .048-.071 | Au.Phos.Bronze | .012 | .220 | .450 | .095 max. | 42428-4 | |
| C | 24-20 | .048-.071 | T.Be.Cu. | .012 | .220 | .450 | .095 max. | 42428-9 | |
| C | 24-20 | .048-.071 | T.Be.Cu. | .012 | .220 | .450 | .095 max. | 1-42428-0 | Reverse reel of 42428-9 |
| C | 24-20 | .048-.071 | Brass | .012 | .220 | .450 | .095 max. | 60088-1 | |
| C | 24-20 | .048-.071 | T.Brass | .012 | .220 | .450 | .095 max. | 60088-2 | |
| D | 24-20 | — | T.Phos.Bronze | .012 | .220 | .360 | .090 max. | 42869-2 | |
| D | 24-20 | — | Au.Phos.Bronze | .012 | .220 | .360 | .090 max. | 42869-4 | |
| D | 24-20 | — | T.Phos.Bronze | .012 | .220 | .360 | .090 max. | 62160-1 | Flat transition for bending. |
| D | 24-20 | — | Au.Phos.Bronze | .012 | .220 | .360 | .090 max. | 62160-2 | |
| **Receptacle for .048 Diameter Pin** | | | | | | | | | |
| D | 28-26 | — | T.Phos.Bronze | .012 | .220 | .370 | .090 max. | 350064-1 | |
| **Receptacle for .050 Diameter Pin** | | | | | | | | | |
| C | 24-20 | .048-.071 | Ag.Phos.Bronze | .012 | .220 | .450 | .095 max. | 60348-1 | |
| C | 24-20 | .048-.071 | T.Phos.Bronze | .012 | .220 | .450 | .095 max. | 60348-2 | |
| C | 24-20 | .048-.071 | T.Be.Cu. | .012 | .220 | .450 | .095 max. | 60348-5 | |
| E | 32-30 | .060 max. | Pre T.Brass | .008 | .150 | .330 | .070 max. | 61582-1 | |
| F | 32-26 | — | Pre T.Brass | .008 | .150 | .280 | .070 max. | 350001-1 | |
| F | 32-26 | — | T.Be.Cu. | .008 | .150 | .280 | .070 max. | 62389-1 | |
| G | 32-30 | .060 max. | Pre T.Brass | .008 | .100 | .370 | .070 max. | 61439-1 | |
| H | 32-26 | .060 max. | Pre T.Brass | .008 | .150 | .330 | .070 max. | 61547-1 | |
| H | 32-26 | .060 max. | Pre T.Phos.Brz. | — | .150 | .330 | .070 max. | 61547-2 | |
| H | 32-26 | .060 max. | T.Be.Cu. | .008 | .150 | .330 | .070 max. | 62390-1 | |
| **Receptacle for .055 Diameter Pin** | | | | | | | | | |
| J | 24-20 | .048-.071 | Phos.Bronze | .012 | .220 | .450 | .095 max. | 42429-1 | |
| J | 24-20 | .048-.071 | T.Phos.Bronze | .012 | .220 | .450 | .095 max. | 42429-2 | |
| J | 24-20 | .048-.071 | Ag.Phos.Bronze | .012 | .220 | .450 | .095 max. | 42429-3 | |
| J | 24-20 | .048-.071 | Au.Phos.Bronze | .012 | .220 | .450 | .095 max. | 42429-4 | |
| J | (2) 22 | (2) .054 | T.Phos.Bronze | .012 | .220 | .450 | .095 max. | 60703-1 | |

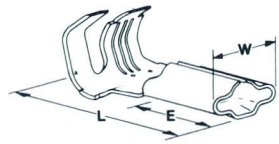
# Receptacles (cont'd)

K




L


M

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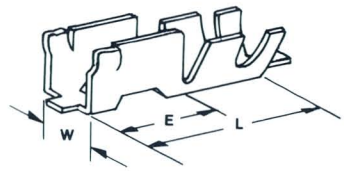


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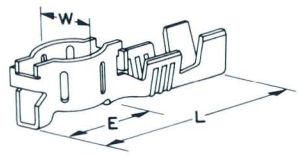


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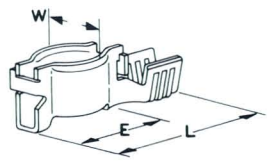
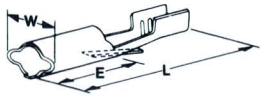


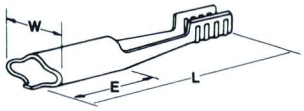

| Type | Wire Size Range | Ins. Dia. Range | Material | Stock Thickness | Nominal E | Nominal L | Nominal W | Part Number | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| **Receptacle for .062 Diameter Pin** | | | | | | | | | |
| K | 24-20 | .070 max. | T.Brass | .010 | .190 | .430 | .100 | 61622-1 | Accepts .045 square post. |
| **Receptacle for .086 Diameter Pin** | | | | | | | | | |
| L | 22-20 | .050-.060 | Brass | .016 | .075 | .295 | .120 | 41147 | Insulation piercing. |
| L | 22-20 | .050-.060 | T.Brass | .016 | .075 | .295 | .120 | 41375 | |
| L | 22-20 | .050-.060 | Be.Copper | .016 | .075 | .295 | .120 | 41512 | |
| **Receptacle for .090 Diameter Pin** | | | | | | | | | |
| M | 20-14 | .120-.170 | Phos.Bronze | .018 | .250 | .550 | .235 | 42745-1 | |
| M | 20-14 | .120-.170 | T.Phos.Bronze | .018 | .250 | .550 | .235 | 42745-2 | |
| M | 20-14 | .120-.170 | Be.Copper | .018 | .250 | .550 | .235 | 42745-3 | |
| M | 20-14 | .120-.170 | T.Be.Copper | .018 | .250 | .550 | .235 | 42745-4 | |
| M | 20-14 | .120-.170 | Ni.Phos.Bronze | .018 | .250 | .550 | .235 | 42745-5 | |
| M | 20-14 | .120-.170 | Au.Be.Copper | .018 | .250 | .550 | .235 | 42745-6 | |
| M | 20-14 | .120-.170 | T.Phos.Bronze | .018 | .250 | .550 | .235 | 60376-1 | Without locking dimple. |
| M | 20-14 | .120-.170 | Be.Copper | .018 | .250 | .550 | .235 | 60376-2 | |
| M | 20-14 | .120-.170 | T.Be.Copper | .018 | .250 | .550 | .235 | 60376-3 | |
| N | 18-16 | .059-.103 | Be.Copper | .016 | .313 | .670 | .115 | 62131-1 | .090 cluster pin receptacle used in molded housing on hermetic seal type applications. |
| N | 18-16 | .059-.103 | T.Be.Copper | .016 | .313 | .670 | .115 | 62131-2 | |
| N | 18-16 | .059-.103 | T.Phos.Bronze | .016 | .313 | .670 | .115 | 62131-3 | |
| P | 18-16 | .135-.160 | Phos.Bronze | .016 | .310 | .680 | .145 | 42670-1 | .090 cluster pin receptacle used in molded housing on hermetic seal type applications. |
| P | 18-16 | .135-.160 | T.Phos.Bronze | .016 | .310 | .680 | .145 | 42670-2 | |
| P | 18-16 | .135-.160 | Ag.Phos.Bronze | .016 | .310 | .680 | .145 | 42670-3 | |
| P | 18-16 | .135-.160 | T.Phos.Bronze | .018 | .310 | .680 | .145 | 60343-1 | |
| P | 18-16 | .135-.160 | Ag.Phos.Bronze | .018 | .310 | .680 | .145 | 60343-2 | |
| R | 18-16 | — | Brass | .016 | .310 | .680 | .145 | 505002-1 | Side slots removed for molding. |
| R | 18-16 | — | T.Brass | .016 | .310 | .680 | .145 | 505002-2 | |
| R | 12-14 | — | Brass | .016 | .310 | .680 | .145 | 505003-1 | No insulation barrel. |
| R | 12-14 | — | T.Brass | .016 | .310 | .680 | .145 | 505003-2 | |

# Receptacles (cont'd)

A




B

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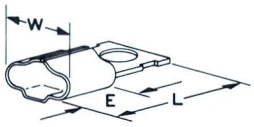


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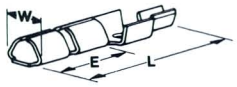


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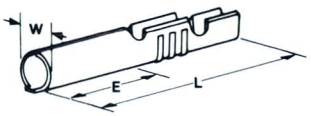


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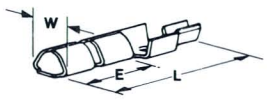


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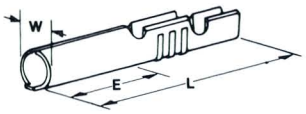
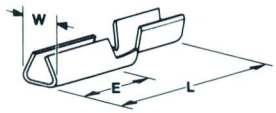



| Type | Wire Size Range | Ins. Dia. Range | Material | Stock Thickness | Nominal E | Nominal L | Nominal W | Part Number | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| **Receptacle for .090 Diameter Pin—(Cont'd)** | | | | | | | | | |
| A | 20-16 | — | T.Beryllium Cop. | .018 | .255 | .660 | .235 | 60861-2 | Corrugated serrations |
| A | 20-16 | — | Au.Be.Copper | .018 | .255 | .660 | .235 | 60861-3 | |
| A | 20-16 | — | Phos.Bronze | .018 | .255 | .660 | .235 | 60177-1 | AMPLIVAR product with serrations for magnet wire. |
| A | 21-16 | — | T.Phos.Bronze | .018 | .255 | .660 | .235 | 60177-2 | |
| A | 21-16 | — | Beryllium Cop. | .018 | .255 | .660 | .235 | 60177-3 | |
| A | 21-16 | — | T.Beryllium Cop. | .018 | .255 | .660 | .235 | 60177-4 | |
| A | 27-20 | — | Phos.Bronze | .018 | .255 | .660 | .235 | 60246-1 | |
| A | 27-20 | — | T.Phos.Bronze | .018 | .255 | .660 | .235 | 60246-2 | |
| B | 20-16 | — | T.Phos.Bronze | .018 | .255 | .660 | .235 | 60733-1 | Corrugated serrations 60733 can be bent 90°. |
| B | 24-20 | — | Au.Brass | .018 | .255 | .660 | .235 | 60760-1 | |
| C | — | — | T.Phos.Bronze | .018 | .255 | .520 | .235 | 60734 | .133 dia. hole. |
| **Receptacle for .093 Diameter Pin** | | | | | | | | | |
| D | 24-22 | — | Phos.Bronze | .012 | .310 | .655 | .160 | 42131-1 | |
| D | 24-22 | — | T.Brass | .012 | .310 | .655 | .160 | 42131-3 | |
| E | 24-20 | .090-.130 | Brass | .010 | .250 | .560 | .115 | 60469-1 | |
| E | 24-20 | .090-.130 | T.Brass | .010 | .250 | .560 | .115 | 60469-2 | |
| F | 24-22 | — | Brass | .012 | .310 | .655 | .160 | 41761 | |
| F | 24-18 | — | Ag.Brass | .012 | .310 | .665 | .160 | 60079-2 | |
| F | 24-18 | — | Phos.Bronze | .012 | .310 | .665 | .160 | 60079-3 | |
| F | 24-18 | — | Ag.Phos.Bronze | .012 | .250 | .560 | .115 | 60079-4 | |
| F | 34-30 | — | S.Steel | .012 | .310 | .665 | .160 | 61641-1 | |
| G | 24-18 | .045-.085 | Brass | .012 | .250 | .560 | .115 | 42827-1 | |
| G | 24-18 | .045-.085 | T.Brass | .012 | .250 | .560 | .115 | 42827-2 | |
| G | 22-18 | .090-.130 | T.Brass | .012 | .250 | .560 | .115 | 41854 | |
| G | 22-18 | .090-.130 | Brass | .012 | .250 | .560 | .115 | 41870 | |
| G | 22-18 | .090-.130 | Ag.Brass | .012 | .250 | .560 | .115 | 60031-1 | |
| G | 22-18 | .090-.130 | Brass | .010 | .250 | .560 | .115 | 60431-1 | |
| G | 20-16 | .090-.130 | T.Brass | .012 | .250 | .560 | .115 | 61673-1 | Outside swage. |

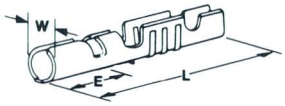
H


J

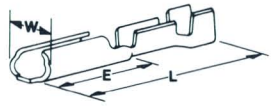

K




L




M

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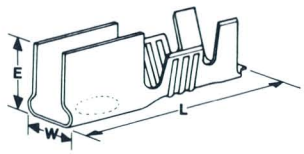
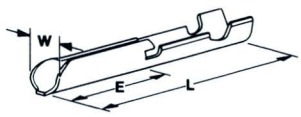


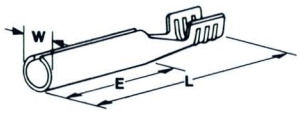

| Type | Wire Size Range | Ins. Dia. Range | Material | Stock Thick-ness | Nominal E | Nominal L | Nominal W | Part Number | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| **Receptacle for .093 Diameter Pin—(Cont'd)** | | | | | | | | | |
| H | 22-18 | — | T.Brass | .010 | .345 | .530 | .115 | 40730 | |
| H | 22-18 | — | Brass | .010 | .345 | .530 | .115 | 60402-1 | |
| H | 22-18 | — | Brass | .010 | .345 | .530 | .115 | 60440-1 | |
| H | 20-18 | — | Brass | .012 | .200 | .365 | .153 | 42322-1 | |
| J | 22-18 | — | T.Brass | .012 | .218 | .375 | .153 | 42467-2 | Across detents. |
| J | 22-18 | — | Brass | .012 | .218 | .375 | .115 | 60644-1 | No detents. |
| J | 22-18 | — | Brass | .012 | .218 | .375 | .115 | 350069-1 | Chamfer lead-in. |
| K | 20-18 | — | T.Brass | .010 | .225 | .470 | .130 | 41270 | |
| L | 18-16 | .090-.120 | Brass | .014 | .150 | .560 | .115 | 42101-1 | Has locking feature for pin with indent. |
| L | 18-16 | .090-.120 | T.Brass | .014 | .150 | .560 | .115 | 42101-2 | |
| L | 18-16 | .090-.120 | T.Phos.Bronze | .014 | .150 | .560 | .115 | 42101-3 | |
| L | 24-18 | .045-.085 | T.Brass | .012 | .148 | .566 | .111 | 61022-1 | |
| L | 24-18 | .045-.085 | T.Phos.Bronze | .012 | .148 | .566 | .111 | 61022-2 | |
| M | 20-16 | .090-.130 | T.Brass | .012 | .277 | .625 | .128 | 60899-1 | |
| **Receptacle for .080-.095 Diameter Pin** | | | | | | | | | |
| N | 22-18 | .100 max. | Brass | .012 | .150 | .480 | .130 | 60884-1 | Right angle pin entry. |
| N | 22-18 | .100 max. | Brass | .012 | .150 | .480 | .130 | 61800-1 | |
| **Receptacle for .096 Diameter Pin** | | | | | | | | | |
| J | 22-18 | — | Brass | .010 | .218 | .375 | .115 | 62360-1 | No detents. |

# Receptacles (cont'd)

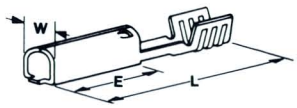
H



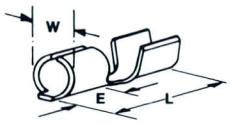

J




K

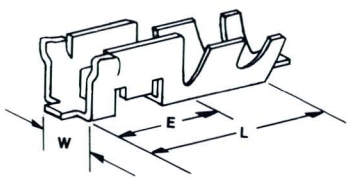



L

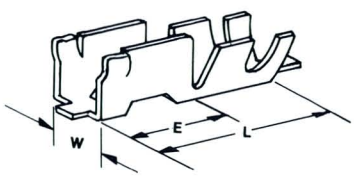



M


N



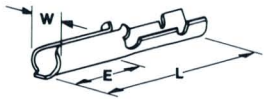

P




| Type | Wire Size Range | Ins. Dia. Range | Material | Stock Thick-ness | Nominal E | Nominal L | Nominal W | Part Number | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| **Receptacle for .106 Diameter Pin** | | | | | | | | | |
| H | 22-20 | .075-.100 | T.Brass | .010 | .310 | .690 | .150 | 42729-1 | w/o ears |
| H | 22-20 | .075-.100 | Pre T.Brass | .010 | .310 | .690 | .150 | 61501-1 | |
| H | 24-20 | .075-.100 | T.Brass | .012 | .360 | .690 | .150 | 60908-1 | |
| H | 22-18 | .060-.120 | T.Brass | .012 | .360 | .690 | .150 | 62402-1 | |
| J | 22-18 | — | Brass | .014 | .375 | .635 | .132 | 60992-1 | |
| **Receptacle for .109 Diameter Pin** | | | | | | | | | |
| K | 18-14 | — | Brass | .014 | .300 | .645 | .133 | 61012-1 | Can be molded. |
| K | 18-14 | — | T.Brass | .014 | .300 | .645 | .133 | 61012-3 | |
| **Receptacle for .119 Diameter Pin** | | | | | | | | | |
| L | 20-18 | — | Brass | .016 | .125 | .375 | .145 | 40652 | |
| **Receptacle for .125 Diameter Pin** | | | | | | | | | |
| M | 24-22 | — | Phos.Bronze | .012 | .310 | .655 | .190 | 42132-1 | |
| M | 24-22 | — | Ag.Phos.Bronze | .012 | .310 | .655 | .190 | 42132-2 | |
| N | 18-16 | .130 max. | Be.Copper | .018 | .400 | .825 | .156 | 62244-1 | .125 dia. cluster pin receptacle used in molded housing on hermetic seal type applications. Standard insertion force. |
| N | 18-16 | .130 max. | Pre T.Be.Copper | .018 | .400 | .825 | .156 | 62244-2 | |
| N | 18-16 | .130 max. | PreT.Phos.Bronze | .018 | .400 | .825 | .156 | 62244-3 | |
| N | 18-16 | .130 max. | Ag.Phos.Bronze | .018 | .400 | .825 | .156 | 62244-4 | |
| N | 14-12 | .170 max. | Be.Copper | .018 | .400 | .825 | .156 | 62243-1 | |
| N | 14-12 | .170 max. | Pre T.Be.Copper | .018 | .400 | .825 | .156 | 62243-2 | |
| N | 14-12 | .170 max. | PreT.Phos.Bronze | .018 | .400 | .825 | .156 | 62243-3 | |
| N | 14-12 | .170 max. | Ag.Phos.Bronze | .018 | .400 | .825 | .156 | 62243-4 | |
| P | 18-16 | .130 max. | | .018 | .400 | .825 | .156 | 62325-1 | .125 dia. cluster pin receptacle used in molded housing on hermetic seal type applications. Increased insertion force. |
| P | 18-16 | .130 max. | Pre T.Be.Copper | .018 | .400 | .825 | .156 | 62325-2 | |
| P | 18-16 | .130 max. | PreT.Phos.Bronze | .018 | .400 | .825 | .156 | 62325-3 | |
| P | 18-16 | .130 max. | Ag.Phos.Bronze | .018 | .400 | .825 | .156 | 62325-4 | |
| P | 14-12 | .170 max. | Be.Copper | .018 | .400 | .825 | .156 | 62324-1 | |
| P | 14-12 | .170 max. | Pre T.Be.Copper | .018 | .400 | .825 | .156 | 62324-2 | |
| P | 14-12 | .170 max. | PreT.Phos.Bronze | .018 | .400 | .825 | .156 | 62324-3 | |
| P | 14-12 | .170 max. | Ag.Phos.Bronze | .018 | .400 | .825 | .156 | 62324-4 | |

# Receptacles (cont'd)

R

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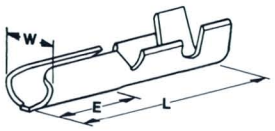
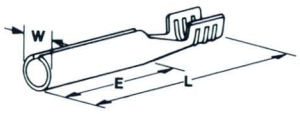



T

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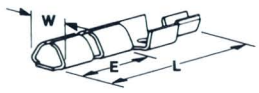


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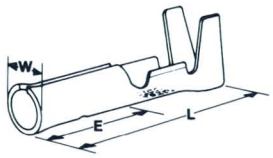
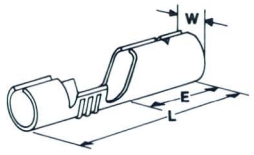
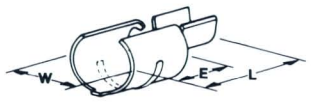


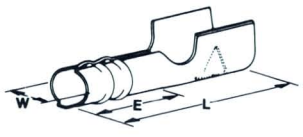

W




X



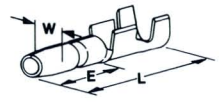

Y



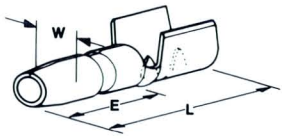

| Type | Wire Size Range | Ins. Dia. Range | Material | Stock Thickness | Nominal E | Nominal L | Nominal W | Part Number | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| **Receptacle for .125 Diameter Pin—(Cont'd)** | | | | | | | | | |
| R | 22-20 | .075-.100 | T.Brass | .010 | .330 | .688 | .141 | 41961 | |
| S | 22-20 | .090-.130 | T.Brass | .014 | .250 | .560 | .155 | 42109-2 | 42354 same as 42109 except shorter receptacle portion. |
| S | 22-20 | .090-.130 | Brass | .014 | .187 | .500 | .155 | 42354-1 | |
| T | 22-18 | — | Brass | .014 | .375 | .635 | .150 | 60580-1 | For molded applications. Receptacles may be commoned by leaving carrier strip attached. |
| U | 24-18 | — | Brass | .012 | .310 | .655 | .190 | 60067-1 | |
| U | 24-18 | — | Phos.Bronze | .012 | .310 | .655 | .190 | 60067-3 | |
| U | 24-18 | — | Ag.Phos.Bronze | .012 | .310 | .655 | .190 | 60067-4 | |
| **Receptacle for .147 Diameter Pin** | | | | | | | | | |
| V | 22-18 | .085-.125 | Au.Brass | .016 | .250 | .690 | .190 | 61040-1 | With locking indent. 61444-1 has pin stop. |
| V | 22-18 | .085-.125 | T.Brass | .016 | .250 | .690 | .190 | 61040-2 | |
| V | 22-18 | .085-.125 | Brass | .016 | .250 | .690 | .190 | 61126-1 | |
| V | 24-18 | .140 max. | T.Brass | .012 | .270 | .600 | .190 | 61444-1 | |
| **Receptacle for .190 Diameter Pin** | | | | | | | | | |
| W | 18-14 | .130-.175 | Brass | .016 | .250 | .690 | .220 | 42308-1 | Receptacle to fit over #10 screw stud. |
| W | 18-14 | .130-.175 | T.Brass | .016 | .250 | .690 | .220 | 42308-2 | |
| **Receptacle for .250 Diameter Pin** | | | | | | | | | |
| X | 16-14 | — | T.Brass | .020 | .250 | .465 | .290 | 40626 | For automotive fuse. |
| X | 16-14 | — | Brass | .020 | .250 | .465 | .290 | 41557 | |
| X | 16-14 | — | T.Brass | .020 | .250 | .465 | .290 | 60654-1 | W/embossment. |
| X | 16-14 | — | Brass | .020 | .250 | .465 | .290 | 60654-2 | |
| Y | 7MM | .250-.300 | Ni.Steel | .018 | .595 | 1.155 | .285 | 40800 | For ignition wiring (spark plug). Insulation piercing. |

# Shur Plug Terminals

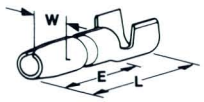
A



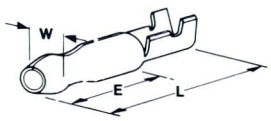

B



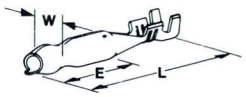

C



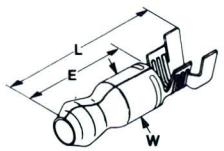

D



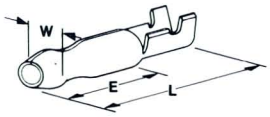

E




F




G




H

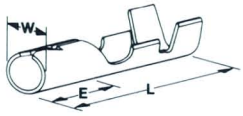

| Type | Wire Size Range | Ins. Dia. Range | Material | Stock Thickness | Nominal E | Nominal L | Nominal W | Part Number | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| **.156 Diameter Plug** | | | | | | | | | |
| A | 18-14 | .140-.180 | Brass | .020 | .345 | .670 | .156 | 41053 | |
| A | 18-14 | .140-.180 | T.Brass | .020 | .345 | .670 | .156 | 41377 | |
| A | 18-14 | .085-.125 | Brass | .018 | .345 | .710 | .159 | 60766-1 | 60766 can be molded. |
| A | 18-14 | .085-.125 | T.Brass | .018 | .345 | .710 | .159 | 60766-2 | |
| A | 18-14 Special | .085-.110 | T.Brass | .018 | .345 | .710 | .159 | 61065-1 | Crimps heater wire along insulation. |
| A | 20-16 | .095-.115 | T.Brass | .018 | .345 | .710 | .159 | 61388-1 | |
| A | 18-14 | .085-.210 | T.Brass | .018 | .350 | .710 | .159 | 61891 | |
| B | 18-14 | .140-.165 | T.Brass | .020 | .345 | .595 | .156 | 40610 | Insulation piercing type. |
| B | 18-14 | .140-.165 | Ag.Brass | .020 | .345 | .595 | .156 | 40684 | |
| B | 18-14 | .110-.125 | T.Brass | .020 | .345 | .595 | .156 | 41720 | |
| B | 18-14 | .110-.125 | Ag.Brass | .020 | .345 | .595 | .156 | 41721 | |
| B | 18-14 | .110-.125 | Brass | .020 | .345 | .595 | .156 | 41722 | |
| B | 18-14 | .125-.140 | Ag.Brass | .020 | .345 | .595 | .156 | 41724 | |
| B | 18-14 | .125-.140 | Brass | .020 | .345 | .595 | .156 | 41725 | |
| C | 18-14 | .125-.160 | Ag.Brass | .020 | .345 | .535 | .156 | 41639 | Insulation crimp only—nose is solder dipped. |
| C | 18-14 | .125-.160 | Brass | .020 | .345 | .535 | .156 | 41697 | Nose crimp, no solder required. |
| C | 18-14 | .125-.160 | T.Brass | .020 | .345 | .535 | .156 | 41698 | |
| C | 18-14 | .125-.160 | Ag.Brass | .020 | .345 | .535 | .156 | 41699 | |
| C | 18-16 | .110-.125* | Ag.Brass | .020 | .345 | .530 | .156 | 42170-3 | Same as 41697 plug except insul. bbl. for 2 #18 or #16 wires. Nose crimp type. |
| C | 18-14 | — | T.Brass | .018 | .300 | .515 | .159 | 61802 | No insulation support. |
| **.180 Diameter Plug** | | | | | | | | | |
| D | 18-16 | .075-.110 | Brass | .020 | .450 | .705 | .180 | 42060-0 | |
| D | 18-16 | .075-.110 | T.Brass | .020 | .450 | .705 | .180 | 42060-1 | |
| D | 18-16 | .075-.110 | Ag.Brass | .020 | .450 | .705 | .180 | 42060-2 | |
| E | 18-16 | .075-.110 | Brass | .018 | .435 | .885 | .180 | 42530-1 | Can be molded. |
| E | 18-16 | .075-.110 | T.Brass | .018 | .435 | .885 | .180 | 42530-2 | |
| E | 18-16 | .075-.110 | T.Ni.Brass | .018 | .435 | .885 | .180 | 42530-3 | |
| F | 18-14 | .120-.175 | T.Brass | .018 | .447 | .740 | .180 | 60660-1 | Can be molded. |
| F | 18-14 | .120-.175 | Brass | .018 | .447 | .740 | .180 | 60660-2 | |
| F | 18-14 | .090-.125 | T.Brass | .018 | .447 | .740 | .180 | 60793-1 | |
| F | 18-14 | .090-.125 | Brass | .018 | .447 | .740 | .180 | 60793-2 | |
| G | 16-14 | .100-.140 | Brass | .020 | .447 | .700 | .180 | 60047-1 | |
| G | 16-14 | .100-.140 | T.Brass | .020 | .447 | .700 | .180 | 60047-2 | |
| H | 14-10 | — | Brass | .018 | .435 | .855 | .180 | 42865-1 | Can be molded. |
| H | 14-10 | — | T.Brass | .018 | .435 | .855 | .180 | 42865-2 | |

* Takes two wires.

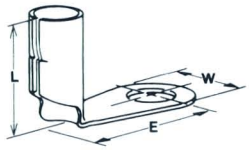
# Shur Plug Receptacles

A

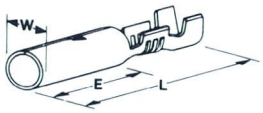

B



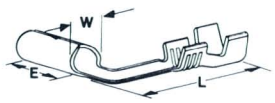

C




D




E

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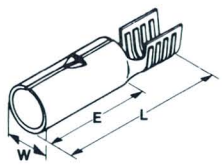
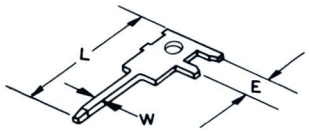



| Type | Wire Size Range | Ins. Dia. Range | Material | Stock Thick-ness | Nominal E | Nominal L | Nominal W | Part Number | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| **Receptacle for .156 Diameter Plug** | | | | | | | | | |
| A | 20-16 | .100-.140 | Brass | .016 | .370 | .705 | .190 | 60017-1 | |
| B | 18-14 | .130-.175 | Brass | .016 | .250 | .690 | .190 | 42473-1 | |
| B | 18-14 | .130-.175 | T.Brass | .016 | .250 | .690 | .190 | 42473-2 | |
| B | 18-14 | .130-.175 | T.Phos.Bronze | .016 | .250 | .690 | .190 | 42473-5 | |
| B | 18-14 | .130-.175 | T.Brass | .016 | .345 | .690 | .190 | 42142-1 | |
| B | 18-14 | .130-.175 | Brass | .016 | .345 | .690 | .190 | 42142-2 | |
| B | 18-14 | .130-.175 | Ag.Phos.Bronze | .016 | .340 | .690 | .230 | 61075 | |
| B | 22-18 | .085-.125 | Brass | .016 | .250 | .690 | .190 | 42581-1 | |
| B | 22-18 | .085-.125 | T.Brass | .016 | .250 | .690 | .190 | 42581-2 | |
| B | 22-18 | .085-.125 | Au.Brass | .016 | .250 | .690 | .190 | 42581-3 | |
| B | 18-14 | .130-.175 | Brass | .018 | .345 | .690 | .190 | 41490 | |
| B | 18-14 | .130-.175 | T.Brass | .018 | .345 | .690 | .190 | 41530 | No indent. |
| B | 18-14 | .130-.175 | T.Brass | .016 | .250 | .690 | .190 | 350070-1 | |
| C | — | — | T.Brass | .016 | .440 | .375 | .312 | 41309 | |
| C | — | — | Brass | .016 | .440 | .375 | .312 | 41309-1 | .171 diameter rivet hole. |
| C | — | — | T.Phos.Bronze | .016 | .440 | .375 | .312 | 41907 | |
| C | — | — | T.Brass | .016 | .440 | .375 | .312 | 41907-1 | .145 dimeter rivet hole. |
| C | — | — | Brass | .016 | — | .800 | .312 | 60791-1 | Same as 41309 except not bent. .135 dia. rivet hole. |
| C | — | — | T.Brass | .016 | — | .800 | .312 | 62013-1 | Same as 41309 except not bent. |
| C | — | — | T.Brass | .016 | .440 | .375 | .312 | 350023-1 | .197 dia. hole. |
| **Receptacle for .180 Diameter Plug** | | | | | | | | | |
| D | 20-16 | .090-.120 | Brass | .016 | .420 | .785 | .208 | 42531-1 | |
| D | 20-16 | .090-.120 | T.Brass | .016 | .420 | .785 | .208 | 42531-2 | |
| D | 20-16 | .090-.120 | Phos.Bronze | .016 | .420 | .785 | .208 | 42531-3 | |
| D | 20-16 | .090-.120 | Lu.Bronze | .016 | .420 | .785 | .208 | 42531-4 | |
| D | 18-14 | .120-.175 | Brass | .016 | .420 | .785 | .208 | 61790-1 | |
| D | 20-16 | .090-.120 | T.Brass | .016 | .420 | .785 | .208 | 42539-2 | |
| D | 20-16 | .090-.120 | Phos.Bronze | .016 | .420 | .785 | .208 | 42539-3 | 42539 has no indents. |
| D | 20-16 | .090-.120 | Lu.Bronze | .016 | .420 | .785 | .208 | 42539-4 | |
| D | 18-14 | .090-.125 | Phos.Bronze | .016 | .420 | .785 | .208 | 60798-1 | |
| D | 18-14 | .090-.125 | Brass | .016 | .420 | .785 | .208 | 60798-2 | |
| D | 18-14 | .090-.125 | Lu.Bronze | .016 | .420 | .785 | .208 | 60798-3 | |
| D | 18-14 | .090-.125 | T.Ni.Phos.Bronze | .016 | .420 | .785 | .208 | 60798-5 | |
| D | 18-14 | .090-.125 | Phos.Bronze | .016 | .420 | .785 | .208 | 60799-1 | |
| D | 18-14 | .090-.125 | Brass | .016 | .420 | .785 | .208 | 60799-2 | |
| D | 18-14 | .090-.125 | Lu.Bronze | .016 | .420 | .785 | .208 | 60799-3 | No indent |
| D | 18-14 | .090-.125 | T.Ni.Phos.Bronze | .016 | .420 | .785 | .208 | 60799-4 | |
| D | 18-14 | .120-.175 | Brass | .016 | .420 | .785 | .208 | 61412-1 | |
| E | 20-16 | .100-.140 | Brass | .016 | .360 | .715 | .208 | 42700-1 | |
| E | 20-16 | .100-.140 | T.Brass | .016 | .360 | .715 | .208 | 42700-2 | |
| E | 20-16 | .100-.140 | Brass | .016 | .360 | .715 | .208 | 42749-1 | |
| E | 20-16 | .100-.140 | T.Brass | .016 | .360 | .715 | .208 | 42749-2 | Receptacle barrel fit for #10 screw. |
| F | 14-10 | — | Brass | .016 | .420 | .720 | .208 | 42868-1 | |
| F | 14-10 | — | Brass | .016 | .420 | .720 | .208 | 42891-1 | |
| F | 14-10 | — | T.Brass | .016 | .420 | .720 | .208 | 42891-2 | 42891 has no indents. |

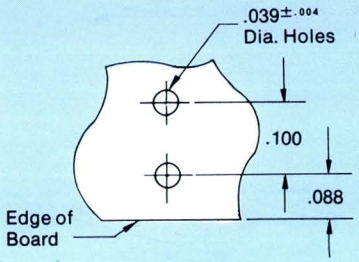
# Posts

A

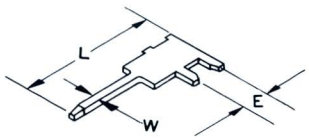



| Part Number | Type | Stock Thickness | Material | W | L | E |
|---|---|---|---|---|---|---|
| 640156-1 | A | .022 | Bright Tin Plated Brass | .025 | .450 | .082 |

For Drilled Holes 1/16" P.C. Board

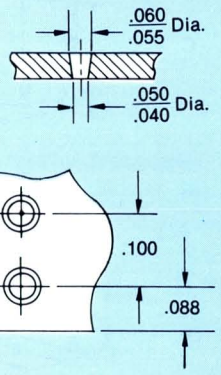



B

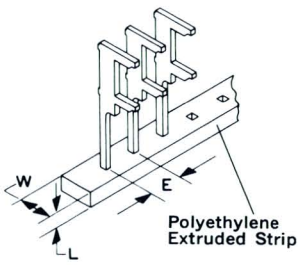



| Part Number | Type | Stock Thickness | Material | W | L | E |
|---|---|---|---|---|---|---|
| 350508-1 | B | .022 | Bright Tin Plated Brass | .025 | .450 | .080 |

For Punched Holes 1/16" P.C. Board



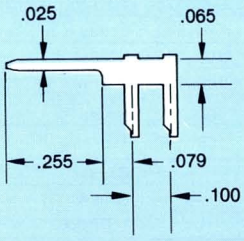

C

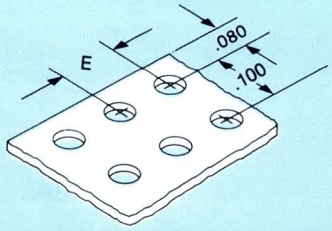



| Part Number | Type | Stock Thickness | Material | W | L | E |
|---|---|---|---|---|---|---|
| 1-380953-0* | C | .022 | Bright Tin Plated Brass | .200 | .065 | .100 |
| 1-380953-1* | C | .022 | | .200 | .065 | .150 |
| 1-380953-2** | C | .022 | | .200 | .065 | .100 |
| 1-380953-3** | C | .022 | | .200 | .065 | .150 |

* 30,000 per reel
** 2,500 per reel

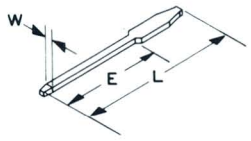
.037/.040 Dia. Holes 1/16" P.C. Board



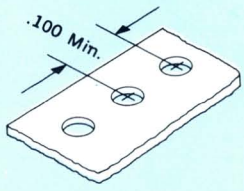



# Posts (cont'd)

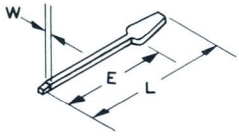
D



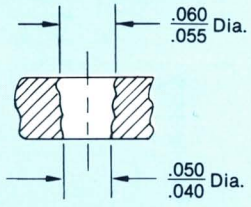

| Part Number | Type | Stock Thickness | Material | W | L | E | Recommended P.C. Board Mounting Pattern |
|---|---|---|---|---|---|---|---|
| 350097-1 | D | .022 | Bright Tin Plated Brass | .025 | .360 | .255 | .036/.040 Dia. Hole 1/16" P.C. Board |
| 640120-1 | D | .022 | Bright Tin Plated Brass | .025 | .360 | .255 | .037/.043 Dia. Hole 1/16" P.C. Board |



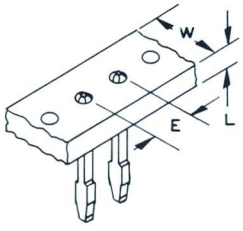

E




| Part Number | Type | Stock Thickness | Material | W | L | E | Recommended P.C. Board Mounting Pattern |
|---|---|---|---|---|---|---|---|
| 640006-1 | E | .022 | Tin Plated Brass | .025 | .435 | .325 | |

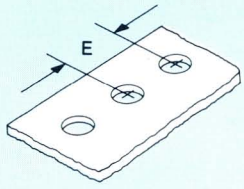



F



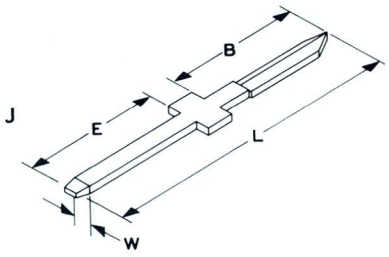

| Part Number | Type | Stock Thickness | Material | W | L | E | Recommended P.C. Board Mounting Pattern |
|---|---|---|---|---|---|---|---|
| 350098-1* | F | .022 | Tin Plated Brass | .065 | .200 | .100 | .036/.040 Dia. Hole 1/16" P.C. Board |
| 350098-2* | F | .022 | | .065 | .200 | .150 | |
| 350098-3** | F | .022 | | .065 | .200 | .100 | |
| 350098-4** | F | .022 | | .065 | .200 | .150 | |

* 30,000 per reel
** 2,500 per reel



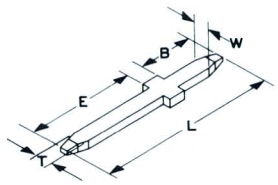
# Posts (cont'd)

J



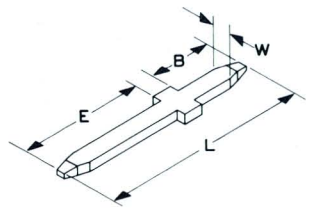

| Part Number | Type | Stock Thick-ness | Material | W | L | E | B | T | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 61419-1 | J | .022 | Au.Be.Copper | .036 | 1.010 | .510 | .450 | — | |

K



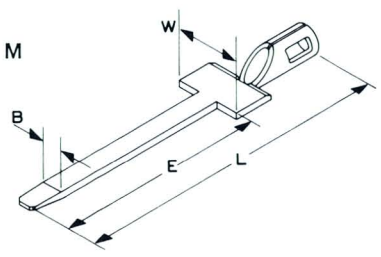

| Part Number | Type | Stock Thick-ness | Material | W | L | E | B | T | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 61959-1 | K | .025 | T.L.Brass | .034 | .420 | .315 | .085 | .025 | |

L




| Part Number | Type | Stock Thick-ness | Material | W | L | E | B | T | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 61154-1 | L | .031 | Pre T.Brass | .062 | .562 | .352 | .170 | — | |
| 61154-2 | L | .031 | Brass | .062 | .562 | .352 | .170 | — | |
| 61154-3 | L | .031 | Au.Brass | .062 | .562 | .352 | .170 | — | |
| 61154-4 | L | .031 | T.Brass | .062 | .562 | .352 | .170 | — | |

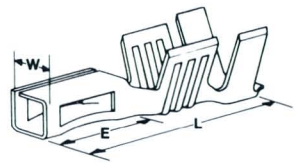
M



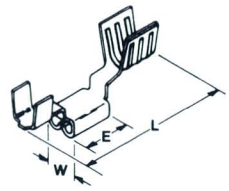

| Part Number | Type | Stock Thick-ness | Material | W | L | E | B | T | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 61601-1 | M | .025 | Au.Brass | .112 | .590 | .485 | .036 | — | |

# Tab Receptacles

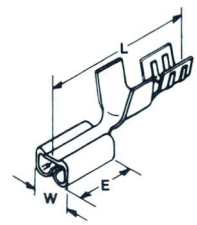
A




B



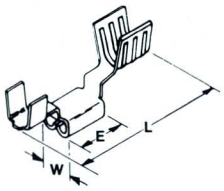

C



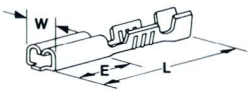

| Type | Wire Size Range | Ins. Dia. Range | Material | Stock Thickness | Nominal E | Nominal L | Nominal W | Fits Tabs | Part Number | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| **Receptacle for .020 Tab** | | | | | | | | | | |
| A | 24-20 | .035-.065 | Pre T.Brass | .010 | .125 | .355 | .055 | .020x.020 | 61094-1 | Reverse reel of 61094-1. |
| A | 24-20 | .035-.065 | Pre T.Brass | .010 | .125 | .355 | .055 | .020x.020 | 61094-2 | |
| **Receptacle for .045 Tab** | | | | | | | | | | |
| B | 24-20 | .040-.080 | Brass | .010 | .130 | .372 | .090 | .045x.045 | 60524-1 | Receptacles for Wrap Type Tabs. |
| B | 24-20 | .040-.080 | T.Brass | .010 | .130 | .372 | .090 | .045x.045 | 60524-2 | |
| B | 24-20 | .040-.080 | Au.Brass | .010 | .130 | .372 | .090 | .045x.045 | 60524-3 | |
| B | 24-20 | .040-.080 | T.Bery.Cu. | .010 | .130 | .372 | .090 | .045x.045 | 60524-4 | |
| B | 24-20 | .040-.080 | T.Be.Cu. | .010 | .130 | .372 | .090 | .045x.045 | 60524-5 | Reverse reel of -4. |
| B | 24-20 | .040-.080 | T.Brass | .010 | .130 | .372 | .090 | .045x.045 | 60524-6 | Reverse reel of -2. |
| B | 24-20 | .040-.080 | Brass | .010 | .130 | .372 | .090 | .045x.045 | 60524-7 | Reverse reel of -1. |
| B | 24-20 | .040-.080 | Au.Brass | .010 | .130 | .372 | .090 | .045x.045 | 60524-8 | Reverse reel of -3. |
| **Receptacle for .050 Tab** | | | | | | | | | | |
| B | 24-20 | .040-.080 | T.Ph.Bz. | .010 | .130 | .372 | .100 | .035x.050 | 61225-1 | Reverse reel of 61225-1. |
| B | 24-20 | .040-.080 | T.Ph.Bz. | .010 | .130 | .372 | .100 | .035x.050 | 61225-2 | |
| B | 24-20 | .040-.080 | Au.Ph.Bz. | .010 | .130 | .372 | .100 | .035x.050 | 61225-3 | |
| **Receptacle for .062 Tab** | | | | | | | | | | |
| C | 24-20 | .040-.080 | Brass | .010 | .140 | .385 | .090 | .028x.062 | 60263-1 | Receptacles for Wrap Type Tabs. |
| C | 24-20 | .040-.080 | T.Brass | .010 | .140 | .385 | .090 | .028x.062 | 60263-2 | |
| C | 24-20 | .040-.080 | Ag.Brass | .010 | .140 | .385 | .090 | .028x.062 | 60263-3 | |
| C | 24-20 | .040-.080 | Au.Brass | .010 | .140 | .385 | .090 | .028x.062 | 60263-4 | |
| C | 24-20 | .040-.080 | Au.Ph.Bz. | .010 | .140 | .385 | .090 | .028x.062 | 60263-5 | |
| C | 24-20 | .040-.080 | Ag.Ph.Bz. | .010 | .140 | .385 | .090 | .028x.062 | 60263-6 | |
| C | 24-20 | .040-.080 | Au.Brass | .010 | .140 | .385 | .090 | .028x.062 | 60263-8 | |
| C | 24-20 | .040-.080 | Au.Ph.Bz. | .010 | .140 | .385 | .090 | .025x.062 | 60339-2 | |
| C | 24-20 | .040-.080 | T.Brass | .010 | .140 | .385 | .090 | .025x.062 | 60339-3 | |
| C | 24-20 | .040-.080 | T.Brass | .010 | .140 | .385 | .090 | .031x.062 | 61948-1 | |
| C | 24-20 | .040-.080 | Brass | .010 | .140 | .385 | .090 | .028x.062 | 62129-1 | Same as 60263 except no front carrier. |
| C | 24-20 | .040-.080 | T.Brass | .010 | .140 | .385 | .090 | .028x.062 | 62129-2 | |
| C | 24-20 | .040-.080 | Ag.Brass | .010 | .140 | .385 | .090 | .028x.062 | 62129-3 | |
| C | 24-20 | .040-.080 | Au.Brass | .010 | .140 | .385 | .090 | .028x.062 | 62129-4 | |
| C | 24-20 | .040-.080 | Au.Ph.Bz. | .010 | .140 | .385 | .090 | .028x.062 | 62129-5 | |
| C | 24-20 | .040-.080 | Ag.Ph.Bz. | .010 | .140 | .385 | .090 | .028x.062 | 62129-6 | |
| C | 24-20 | .040-.080 | Phos.Bronze | .010 | .140 | .385 | .090 | .028x.062 | 62129-7 | |
| C | 24-20 | .040-.080 | Au.Ph.Bz. | .010 | .140 | .385 | .090 | .025x.062 | 62130-2 | Same as 60339 except no front carrier. |
| C | 24-20 | .040-.080 | T.Brass | .010 | .140 | .385 | .090 | .025x.062 | 62130-3 | |

# Tab Receptacles (cont'd)

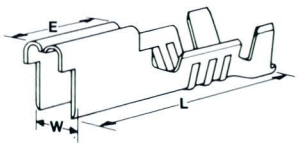
D



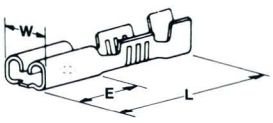

E



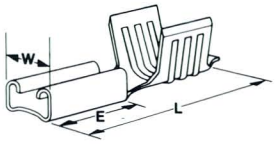

F




G



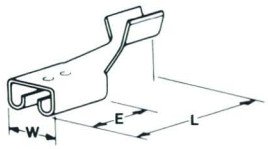

H



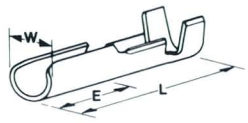

| Type | Wire Size Range | Ins. Dia. Range | Material | Stock Thick-ness | Nominal E | Nominal L | Nominal W | Fits Tabs | Part Number | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| **Receptacle for .062 Tab—(Cont'd)** | | | | | | | | | | |
| D | 24-20 | .040-.080 | Brass | .010 | .130 | .372 | .090 | .023x.062 | 60436-1 | Receptacles for Wrap Type Tabs. |
| D | 24-20 | .040-.080 | T.Brass | .010 | .130 | .372 | .090 | .023x.062 | 60436-2 | |
| D | 24-20 | .040-.080 | T.Brass | .010 | .130 | .372 | .090 | .023x.062 | 60436-4 | Reverse reel of 60436-2. |
| D | 24-20 | .040-.080 | Au.Brass | .010 | .130 | .372 | .090 | .031x.062 | 60477-1 | Receptacle for Wrap Type Tabs. |
| D | 24-20 | .040-.080 | T.Brass | .010 | .130 | .372 | .090 | .031x.062 | 60477-2 | |
| D | 24-20 | .040-.080 | T.Brass | .010 | .130 | .372 | .090 | .025x.062 | 60477-3 | |
| D | 24-20 | .040-.080 | Au.Brass | .010 | .130 | .372 | .090 | .031x.062 | 60477-4 | Reverse reel of 60477-1. |
| D | 24-20 | .040-.080 | T.Brass | .010 | .130 | .372 | .090 | .031x.062 | 60477-5 | Reverse reel of 60477-2. |
| D | 24-20 | .040-.080 | T.Brass | .010 | .130 | .372 | .090 | .025x.062 | 60477-6 | Reverse reel of 60477-3. |
| D | 24-20 | .040-.080 | Brass | .010 | .130 | .372 | .090 | .032x.062 | 60530-1 | Receptacle for Wrap Type Tabs. |
| D | 24-20 | .040-.080 | T.Brass | .010 | .130 | .372 | .090 | .032x.062 | 60530-2 | |
| D | 24-20 | .040-.080 | T.Brass | .010 | .130 | .372 | .090 | .032x.062 | 60530-4 | Reverse reel of 60530-2. |
| D | 24-20 | .063-.109 | T.Brass | .010 | .130 | .372 | .090 | .031x.062 | 62054-1 | |
| D | 24-20 | .063-.109 | T.Brass | .010 | .130 | .372 | .090 | .025x.062 | 62089-1 | |
| D | 22-18 | .040-.075 | Au.Brass | .010 | .130 | .372 | .090 | .031x.062 | 61474-1 | |
| D | 22-18 | .060-.110 | T.Brass | .010 | .130 | .372 | .090 | .031x.062 | 61489-1 | |
| D | 22-18 | .060-.110 | T.Brass | .010 | .130 | .372 | .090 | .031x.062 | 61489-2 | Reverse reel of 61489-1. |
| D | 22-18 | .060-.110 | Au.Brass | .010 | .130 | .372 | .090 | .031x.062 | 61616-1 | |
| D | 22-18 | .060-.110 | Au.Brass | .010 | .130 | .372 | .090 | .031x.062 | 61616-2 | Reverse reel of 61616-1. |
| E | 24-20 | .040-.080 | T.Brass | .010 | .140 | .375 | .106 | .020x.078 | 62343-1 | |
| E | 24-20 | .040-.080 | T.Brass | .010 | .187 | .462 | .090 | .031x.062 | 60900-1 | Receptacle for Wrap Type Tabs. |
| E | 24-20 | .040-.080 | Au.Brass | .010 | .187 | .462 | .090 | .031x.062 | 60900-2 | |
| E | 24-20 | .040-.080 | Brass | .010 | .187 | .462 | .090 | .031x.062 | 60900-3 | |
| E | 24-20 | .040-.080 | T.Brass | .010 | .187 | .462 | .090 | .031x.062 | 60900-4 | Reverse reel of 60900-1. |
| E | 24-20 | .040-.080 | T.Brass | .010 | .187 | .462 | .090 | .012x.062 | 61414-1 | Receptacle for Wrap Type Tabs. |
| E | 24-20 | .040-.080 | T.Brass | .010 | .140 | .375 | .106 | .016x.078 | 61128-1 | |
| E | 24-20 | .040-.080 | T.Brass | .010 | .187 | .462 | .090 | .030x.030 | 62020-1 | Tab gap. |
| F | 24-22 | .040-.080 | Pre T.Brass | .010 | .170 | .435 | .086 | .023x.062 | 61157-1 | Reverse reel of 61157-1. |
| F | 24-22 | .040-.080 | Pre T.Brass | .010 | .170 | .435 | .086 | .023x.062 | 61157-2 | |
| **Receptacle for .093 Tab** | | | | | | | | | | |
| G | 22-18 | .050-.085 | Pre T.Brass | .010 | .190 | .485 | .120 | .014x.093 | 61005-1 | Dimple. |
| G | 22-18 | .050-.085 | Pre T.Brass | .010 | .190 | .485 | .120 | .014x.093 | 61809-1 | No dimple. |
| G | 26-22 | .035-.065 | Pre T.Brass | .010 | .190 | .475 | .120 | .031x.093 | 61813-1 | No dimple. |
| G | 26-22 | .035-.065 | Pre T.Brass | .010 | .190 | .475 | .120 | .014x.093 | 62041-1 | Dimple. |
| H | 20-16 | — | Brass | .012 | .200 | .480 | .126 | .031x.093 | 60658-1 | No dimple. |
| H | 20-16 | — | T.Brass | .012 | .200 | .480 | .126 | .031x.093 | 60658-3 | No dimple. |
| **Receptacle for .103 Tab** | | | | | | | | | | |
| H | 20-18 | — | Pre T.Brass | .010 | .200 | .380 | .126 | .020x.103 | 62086-1 | Dimple. |
| G | 20-18 | .080-.120 | Pre T.Brass | .010 | .200 | .480 | .126 | .032x.103 | 60252-1 | |
| G | 20-18 | .080-.120 | Pre T.Brass | .010 | .200 | .480 | .126 | .020x.103 | 60432-1 | |
| G | 20-18 | .080-.120 | Pre T.Brass | .010 | .200 | .480 | .126 | .020x.103 | 61135-1 | 61135 has no dimple. |
| G | 20-18 | .080-.125 | Pre T.Brass | .010 | .200 | .480 | .126 | .013x.103 | 62052-1 | Dimple. |
| G | 18-14 | .094-.162 | T.Brass | .010 | .200 | .480 | .126 | .032x.103 | 62222-1 | Dimple. |
| **Receptacle for .110 Tab** | | | | | | | | | | |
| H | 20-18 | — | T.Brass | .010 | .200 | .380 | .150 | .020x.110 | 62415-1 | |

# Tab Receptacles (cont'd)

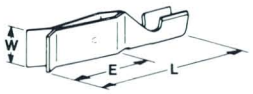
J



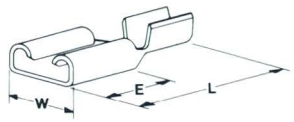

K



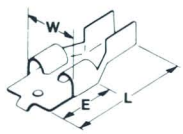

L



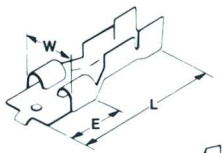

M



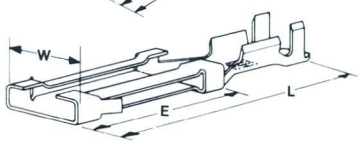

N



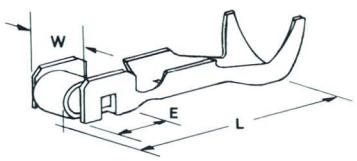

P



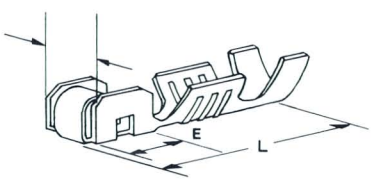

R




S



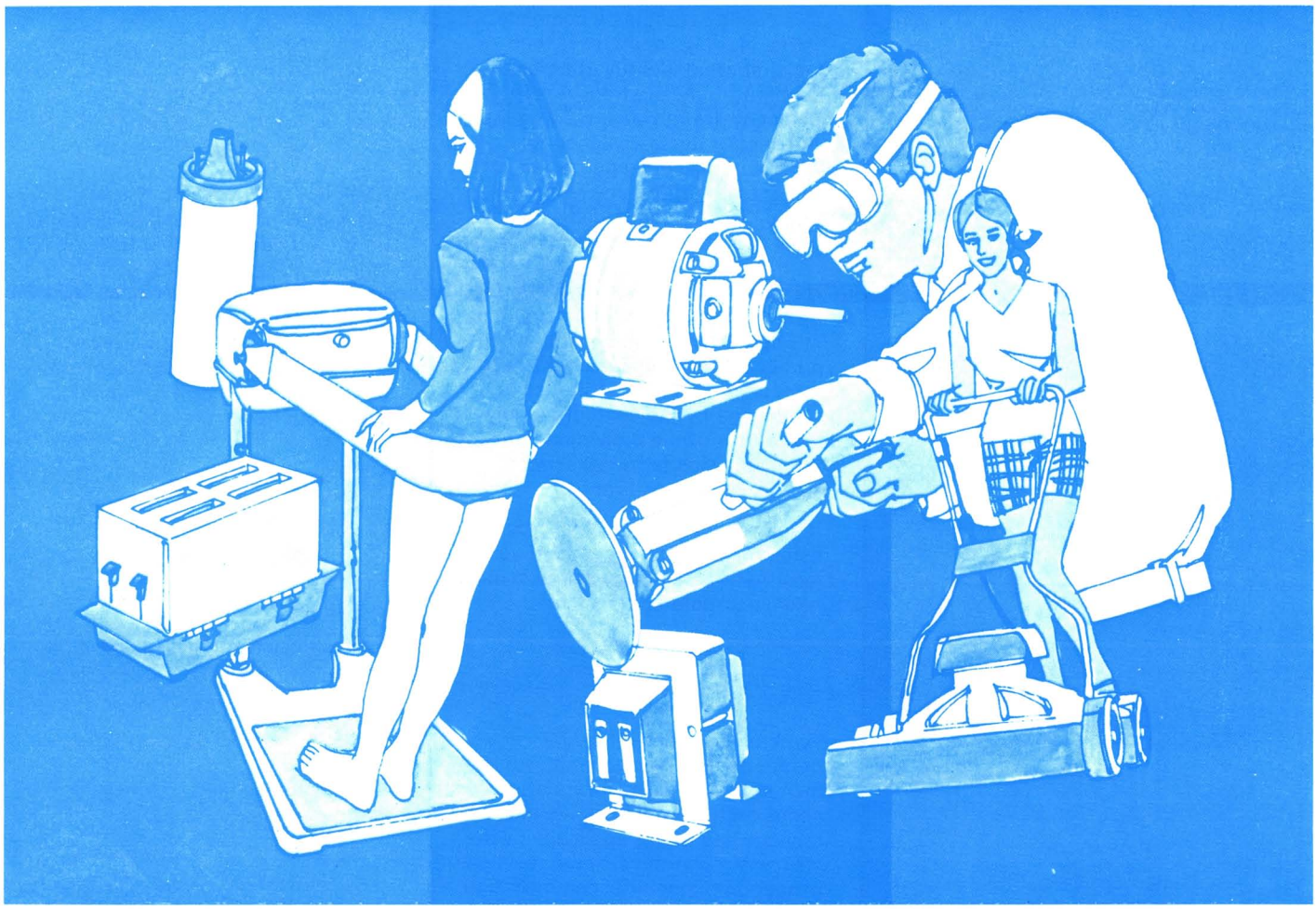

T

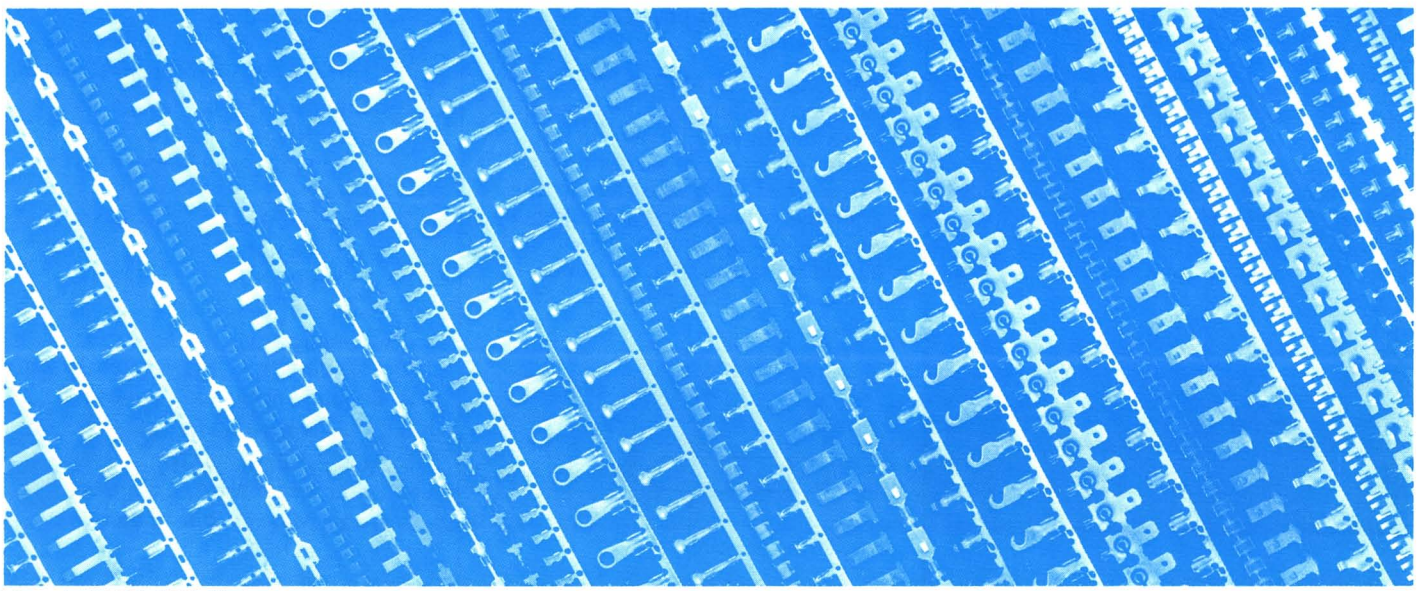



| Type | Wire Size Range | Ins. Dia. Range | Material | Stock Thick-ness | Nominal E | Nominal L | Nominal W | Fits Tabs or Posts | Part Number | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| **Receptacle for .125 Tab** | | | | | | | | | | |
| J | 22-20 | — | Brass | .010 | .190 | .435 | .160 | .016x.126 | 41986 | Two detent dimples, reverse crimp. |
| J | 22-20 | — | T.Brass | .010 | .190 | .435 | .160 | .016x.125 | 41987 | |
| J | 22-20 | — | Brass | .010 | .190 | .435 | .160 | .037x.125 | 41988 | |
| J | 22-20 | — | T.Brass | .010 | .190 | .435 | .160 | .037x.125 | 41989 | |
| J | 22-20 | — | Brass | .010 | .190 | .435 | .160 | .045x.125 | 42235-1 | |
| J | 22-20 | — | T.Brass | .010 | .190 | .435 | .160 | .045x.125 | 42235-2 | |
| K | 22-20 | .090-.130 | T.Brass | .016 | .250 | .560 | .155 | .018x.125 | 41029 | |
| K | 22-20 | .090-.130 | Brass | .014 | .250 | .560 | .155 | .020x.125 | 42143-1 | |
| **Receptacle for .156 Tab** | | | | | | | | | | |
| G | 20-18 | .080-.120 | Pre T.Brass | .010 | .200 | .480 | .179 | .020x.156 | 62399-1 | |
| **Receptacle for .250 Tab** | | | | | | | | | | |
| L | 18-14 | — | Brass | .025 | .520 | .985 | .250 | .060x.250 | 41161 | |
| L | 18-14 | — | Brass | .025 | .520 | .985 | .250 | .060x.250 | 60312-1 | 60312 has no dimple on prongs. |
| L | 18-14 | — | T.Brass | .025 | .520 | .985 | .250 | .060x.250 | 60312-2 | |
| L | 18-14 | — | Pre Ni.Steel | .025 | .520 | .985 | .250 | .060x.250 | 61957-1 | |
| M | 18-14 | — | Brass | .018 | .300 | .655 | .300 | .060x.250 | 41075 | FASTON receptacle for .060 thick tab. |
| M | 18-14 | — | T.Brass | .018 | .300 | .655 | .300 | .060x.250 | 41504 | |
| M | 18-14 | — | T.Brass | .018 | .300 | .655 | .300 | .060x.250 | 41561 | Reverse reel of 41504. |
| N | 18-14 | — | T.Brass | .018 | .300 | .655 | .302 | .018x.250 | 41565 | Self receiving. |
| P | 18-14 | .120-.170 | Brass | .016 | .300 | .755 | .300 | .016x.250 | 41320 | Self receiving. |
| P | 18-14 | .120-.170 | T.Brass | .016 | .300 | .755 | .300 | .016x.250 | 41486 | |
| R | 18-14 | .120-.170 | Pre T.Brass | .012 | .615 | 1.006 | .310 | .060x.250 | 60517-1 | |
| R | 18-14 | .120-.170 | Ph.Bronze | .012 | .615 | 1.006 | .310 | .060x.250 | 60517-2 | |
| R | 18-14 | .120-.170 | T.Ph.Bronze | .012 | .615 | 1.006 | .310 | .060x.250 | 60517-3 | |
| R | 18-14 | .120-.170 | T.Ph.Bronze | .012 | .615 | 1.006 | .310 | .060x.250 | 60854-1 | S/A 60517-1 reverse reel. |
| **Receptacle for .025 x .025 Post** | | | | | | | | | | |
| S | 32-28 | .030-.094 | Au.Be.Copper | .008 | .090 | .390 | .085 | .025x.025 | 61943-1 | |
| S | 26-22 | .035-.060 | Au.Be.Copper | .008 | .090 | .390 | .085 | .025x.025 | 61941-1 | |
| S | 20-18 | .050-.105 | Au.Be.Copper | .008 | .090 | .390 | .085 | .025x.025 | 61942-1 | |
| T | 26-22 | .035-.060 | T.Be.Copper | .010 | .090 | .330 | .085 | .025x.025 | 61145-1 | |
| T | 20-18 | .050-.105 | Au.Be.Copper | .010 | .090 | .330 | .085 | .025x.025 | 61508-2 | |

# SPLICES, CONTACTS, SPECIAL ITEMS & BOBBIN TERMINALS

*applied with automatic machines*





4

# SPLICES, CONTACTS, SPECIAL ITEMS & BOBBIN TERMINALS

## Explanatory Note

This catalog contains a complete listing of AMP open barrel contacts, splices, identification bands, bobbin terminals, strain reliefs, shielded wire ferrules, welding tabs and special items designed for AMP automachine application. It is designed to fit into any technical catalog library concerned with electrical circuits and their terminations.

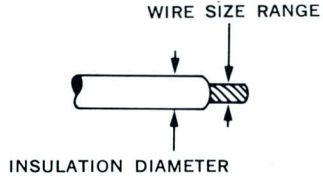
This volume has been designed for maximum ease in locating any item. The specification tables are by product type. Within each of these categories, the catalog is further subdivided by the contours of configurations of the individual items. A final division is by either wire size, or circular mil range.

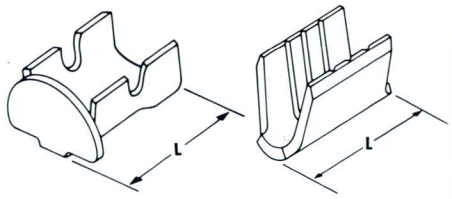
If you require any terminal type not listed in this catalog, consult your local AMP Sales Engineer or contact AMP Incorporated.

## Before You Order

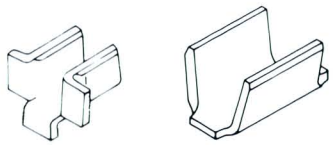
To help you choose the AMP product best suited to your requirements, the following information about each item is included in the tabular data where applicable: wire size or circular mil size range, insulation diameter accommodation, stock thickness, type of metal and plating used, and physical measurements.

When you order AMP products for automachine applications, please forward with your initial order 50 feet of each type of wire you plan to use. If no such wire sample is available, a full description of your wire, including number of strands, individual strand size, and insulation diameter should be sent with your order.



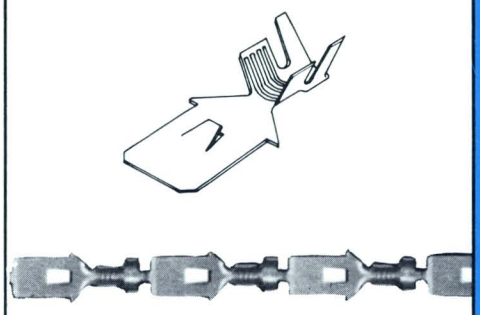




AMP INCORPORATED has standardized its line of specialty items on the products listed in this catalog. To fit unusual applications however, AMP has developed many special items in the past and stands ready, through its Development Engineering Department, to design and produce any type to meet your requirements.



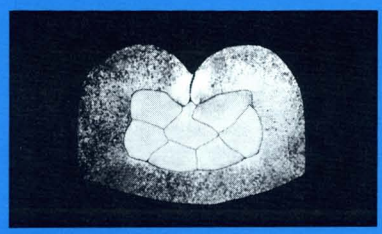
Contents

## Standard "F" Crimp With Insulation Support



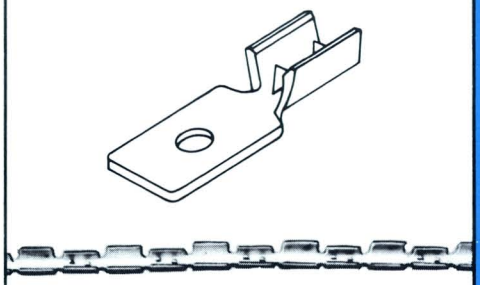
AMP Contacts, Splices and Special Items are made in strip form, wound on reels. They all feature an open barrel construction. In the standard "F" Crimp design, the open barrel consists of two wings that are wrapped around the conductor strands and butted together in a tight seam. The crimping action of the AMP tool dies is a precise mechanical operation that creates the exact crimp with each cycle of the machine. You can be sure, therefore, of the unvarying uniformity of all units.

The insulation support feature was developed by AMP for applications where vibration tends to be excessive. This design offers the same fine quality characteristics found in the standard line plus firm, fully circumferential support to the wire insulation.



The additional insulation support consists of two extra wings on the standard "F" Crimp barrel which are wrapped around the wire insulation. This prevents harmful flexing of the wire at the termination point and deters fraying of the wire insulation. Because it increases the already significant tensile strength of the regular crimp, the vibration resistance is great enough for severe vibration problems.

## Insulation Piercing Crimp



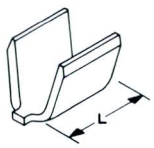
The insulation piercing line enjoys a durable popularity with electrical circuitry manufacturers because of the simplicity of attachment. The barrel contains two perpendicular lances that drive through the wire insulation to make contact with the conductor within. Consequently, one step in circuitry termination; wire stripping, is eliminated.

Tensile characteristics vary, depending on the type of wire insulation. Because the barrel wraps around the insulation, it deters insulation fraying. The insulation piercing line is a low cost, high speed attachment suitable for many requirements.

In general, insulation piercing items can be used where high currents, intense vibration and mechanical loads are not critical factors on both stranded and tinsel wire.

## Non-Insulation Support

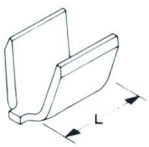
A



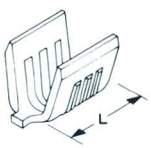

| Catalog Number | Type | Wire Range (Circular Mils.) | Stock Thick-ness | Material | L | Remarks |
|---|---|---|---|---|---|---|
| 485016-1 | A | 500 to 2200 | .030 | Brass | .100 | Side feed |
| 60063-2 | A | 500 to 2200 | .030 | Steel | .150 | |
| 41599 | A | 500 to 2200 | .031 | Copper | .150 | |
| 41599-1 | A | 500 to 2200 | .031 | Silver Plated Copper | .150 | |
| 41600 | A | 500 to 2200 | .031 | Tin Plated Copper | .150 | |
| 61369-1 | A | 600 to 1500 | .016 | Tin Plated Brass | .067 | |
| 61369-2 | A | 600 to 1500 | .016 | Tin Plated Phosphor Bronze | .067 | |
| 60934-1 | A | 700 to 1600 | .012 | Tin Plated Steel | .067 | |
| 60933-1 | A | 800 to 2500 | .016 | Tin Plated Brass | .067 | Long Connect Tab for AMPOMATOR Machine |
| 60933-2 | A | 800 to 2500 | .012 | Tin Plated Steel | .067 | |
| 41459 | A | 800 to 2500 | .016 | Brass | .067 | |
| 41313 | A | 800 to 2500 | .016 | Tin Plated Brass | .067 | |
| 60293-1 | A | 800 to 2500 | .016 | Stainless Steel | .067 | |
| 60293-2 | A | 800 to 2500 | .016 | Tin Plated Steel | .067 | |
| 62033-1 | A | 600 to 3000 | .020 | Tin Plated Steel | .225 | |
| 62033-2 | A | 600 to 3000 | .020 | Tin Plated Brass | .225 | |
| 62039-1 | A | 1000 to 2600 | .020 | Stainless Steel | .225 | |
| 41080 | A | 1400 to 3200 | .016 | Brass | .062 | |
| 40862 | A | 1400 to 3200 | .016 | Tin Plated Brass | .062 | |
| 41215 | A | 1400 to 3200 | .012 | Pre Nickel Plated Steel | .062 | |
| 41348 | A | 2048 to 4217 | .020 | Brass | .125 | |
| 40876 | A | 2048 to 4217 | .020 | Tin Plated Brass | .125 | |
| 60932-1 | A | 2048 to 4217 | .020 | Tin Plated Brass | .125 | Long Connect Tab for AMPOMATOR Machine |
| 60932-2 | A | 2048 to 4217 | .020 | Tin Plated Steel | .125 | |
| 60932-3 | A | 2048 to 4217 | .020 | Nickel Plated Steel | .125 | |
| 62165 | A | 2048 to 4217 | .015 | Silver Solder | .125 | |
| 40504 | A | 2048 to 5250 | .020 | Brass | .156 | |
| 40504-1 | A | 2048 to 5250 | .020 | Red Anodized Aluminum | .156 | |
| 40868 | A | 2048 to 5250 | .020 | Tin Plated Brass | .156 | |
| 40881 | A | 2048 to 5250 | .020 | Pre Copper Plated Steel | .156 | |
| 40933 | A | 2048 to 5250 | .020 | Steric Wax Copper | .156 | |
| 40933-1 | A | 2048 to 5250 | .020 | Copper | .156 | |
| 41132 | A | 2048 to 5250 | .020 | Tin Plated Steel | .156 | |
| 41397 | A | 2048 to 5250 | .020 | Pre Tin Plated Steel | .156 | |
| 42931-1 | A | 2048 to 5250 | .020 | Stainless Steel | .156 | |
| 42931-2 | A | 2048 to 5250 | .020 | Blackened Steel | .156 | |
| 42262-1 | A | 2048 to 5250 | .020 | Brass | .156 | Larger "U" Width |
| 60841-1 | A | 3000 to 7000 | .020 | Brass | .225 | |
| 40549 | A | 3200 to 6700 | .020 | Brass | .125 | |
| 41684 | A | 3200 to 6700 | .020 | Brass | .125 | Special Cleaning |
| 41414 | A | 3200 to 6700 | .020 | Tin Plated Brass | .125 | |
| 41414-1 | A | 3200 to 6700 | .020 | Tin Plated Steel | .125 | |
| 485020-1 | A | 3200 to 6700 | .020 | Tin Plated Steel | .125 | |
| 485020-2 | A | 3200 to 6700 | .020 | Tin Plated Brass | .125 | |
| 60473-1 | A | 3200 to 6700 | .020 | Pre Nickel Plated Steel | .125 | |
| 40978 | A | 3232 to 8282 | .020 | Stainless Steel | .152 | |
| 60470-1 | A | 3232 to 8282 | .020 | Blackened Steel | .152 | |
| 40952 | A | 3232 to 8282 | .020 | Pre Nickel Plated Steel | .152 | |
| 40952-1 | A | 3232 to 8282 | .020 | Tin Plated Steel | .152 | |
| 40866 | A | 4,000 to 10,000 | .025 | Brass | .250 | |
| 41210 | A | 4,000 to 10,000 | .025 | Tin Plated Brass | .250 | |

Non-Insulation Support
(Continued)

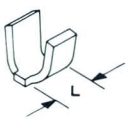
A



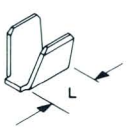

B




C



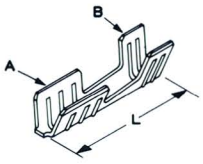

D



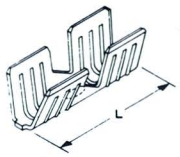

| Catalog Number | Type | Wire Range (Circular Mils.) | Stock Thick-ness | Material | L | Remarks |
|---|---|---|---|---|---|---|
| 41962 | A | 4,000 to 10,000 | .025 | Brass | .250 | Larger "U" Width |
| 41996 | A | 4,000 to 10,000 | .025 | Tin Plated Brass | .250 | |
| 60931-1 | A | 4,000 to 10,000 | .025 | Brass | .225 | |
| 40999 | A | 4,000 to 10,000 | .025 | Steel | .250 | |
| 60192-2 | A | 4,000 to 10,000 | .025 | Pre Nickel Plated Steel | .250 | |
| 60689-1 | A | 4,000 to 10,000 | .025 | Pre Nickel Plated Steel | .250 | Larger "U" Width |
| 41627 | A | 4,000 to 10,000 | .025 | Stainless Steel | .250 | |
| 41627-1 | A | 4,000 to 10,000 | .025 | Stainless Steel | .250 | No AMP Stamp |
| 62012-1 | A | 7,000 to 13,000 | .025 | Tin Plated Steel | .225 | |
| 62012-2 | A | 7,000 to 13,000 | .025 | Tin Plated Brass | .225 | |
| 62012-3 | A | 7,000 to 13,000 | .025 | Pre Nickel Plated Steel | .225 | |
| 60997-1 | A | 12,000 to 18,000 | .025 | Brass | .250 | |
| 60997-2 | A | 12,000 to 18,000 | .025 | Tin Plated Steel | .250 | |
| 60997-3 | A | 12,000 to 18,000 | .025 | Nickel Plated Steel | .250 | |
| 350004-1 | A | 2650 | .012 | Tin Plated Steel | .067 | Special Design for Rectangular Wire |
| 350005-1 | A | 6000 | .020 | Tin Plated Steel | .156 | |
| | | | | | | |
| 41974 | B | 1000 to 2600 | .020 | Brass | .150 | |
| 41975 | B | 1000 to 2600 | .020 | Tin Plated Brass | .150 | |
| 60903-1 | B | 1000 to 2600 | .020 | Silver Plated Brass | .150 | |
| 60372-1 | B | 1200 to 2600 | .020 | Brass | .188 | |
| 60372-2 | B | 1200 to 2600 | .020 | Tin Plated Brass | .188 | |
| 61042-1 | B | 1200 to 2600 | .025 | Brass | .120 | Side Feed |
| 61769-1 | B | 1200 to 2600 | .020 | Brass | .120 | |
| 42329-1 | B | 1600 to 4200 | .020 | Pre Nickel Plated Steel | .150 | No. Serr. or Inside Barrel Swage |
| 61492-1 | B | 2048 to 5250 | .020 | Brass | .156 | |
| 485043-1 | B | 3000 to 7000 | .020 | Brass | .250 | Side Feed |
| 485043-2 | B | 3000 to 7000 | .020 | Tin Plated Brass | .250 | |
| 40509 | B | 3232 to 8282 | .020 | Brass | .152 | |
| 40552 | B | 3232 to 8282 | .020 | Tin Plated Brass | .152 | |
| 42230-1 | B | 3232 to 8282 | .020 | Copper | .152 | |
| 42230-2 | B | 3232 to 8282 | .020 | Tin Plated Copper | .152 | |
| 60916-1 | B | 3232 to 8282 | .020 | Monel | .152 | |
| 61299-1 | B | 10,000 to 16,000 | .031 | Tin Plated Steel | .265 | |
| 61299-2 | B | 10,000 to 16,000 | .032 | Tin Plated Brass | .265 | Side Feed |
| 62136 | B | 10,000 to 16,000 | .031 | Tin Plated Steel | .265 | |
| | | | | | | |
| 41007 | C | 1400 to 3200 | .016 | Tin Plated Brass | .062 | |
| | | | | | | |
| 61008-1 | D | 1600 to 2600 | .016 | Tin Plated Steel | .104 | |

## Non-Insulation Support (Continued)

G



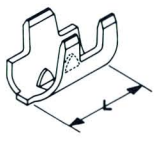

H



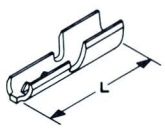

| Catalog Number | Type | Wire Range (Circular Mils.) | Stock Thickness | Material | L | Remarks |
|---|---|---|---|---|---|---|
| 485055-1 | G | A 18-16 or 2-.040 Dia. / B 18-14 or 2-.040 Dia. plus 1 #18 AWG | .012 | Tin Plated Brass | .530 | |
| 61021-1 | H | A 18-16 / B .100 Dia. | .012 | Pre Nickel Plated Steel | .375 | Side Feed for Spiral Wound Heater Wire Applications |
| 61021-2 | H | A 18-16 / B .100 Dia. | .012 | Brass | .375 | |

## Insulation Piercing

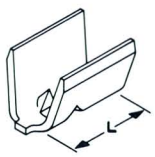
J




K



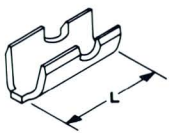

L



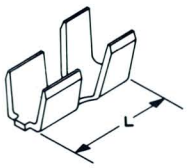

| Catalog Number | Type | Wire Range (Circular Mils.) | Insulation Dia. Range | Stock Thickness | Material | L |
|---|---|---|---|---|---|---|
| 40638 | J | 2600 to 1000 | .070-.090 | .020 | Brass | .209 |
| 40771 | J | 2600 to 1000 | .070-.090 | .020 | Tin Plated Brass | .209 |
| 41277 | K | 1050 to 3800 | .050-.065 | .016 | Brass | .450 |
| 41404 | K | 1050 to 3800 | .050-.065 | .016 | Tin Plated Brass | .450 |
| 485064-1 | L | 700 | .050-.065 | .012 | Brass | .208 |

## Insulation Support

M



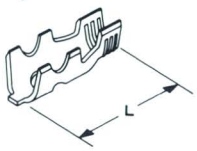

N




| Catalog Number | Type | Wire Range (Circular Mils.) | Insulation Dia. Range | Stock Thickness | Material | L | Remarks |
|---|---|---|---|---|---|---|---|
| 60052-1 | M | 1200 to 2200 | .070-.100 | .020 | Brass | .230 | |
| 42030-1 | M | 1600 to 2700 | .060-.070 | .020 | Tin Plated Brass | .230 | |
| 41197 | N | 3200 to 8300 | .120-.160 | .020 | Brass | .369 | |
| 42627-1 | N | 3200 to 8200 | .120-.160 | .020 | Tin Plated Brass | .369 | |
| 42627-2 | N | 3200 to 8200 | .120-.160 | .020 | Silver Plated Brass | .369 | |
| 42627-4 | N | 3200 to 8200 | .120-.160 | .020 | Nickel Plated Steel | .369 | |

## Insulation Support (Continued)

O

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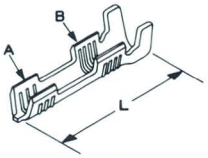


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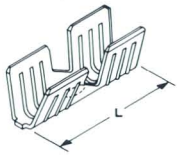
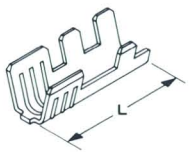



S

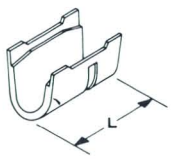



| Catalog Number | Type | Wire Range (Circular Mils.) | Insulation Dia. Range | Stock Thick-ness | Material | L | Remarks |
|---|---|---|---|---|---|---|---|
| 62329-1 | O | 22-18 | .088-.107 | .012 | Brass | .450 | End Feed |
| 60387-1† | O | 1400 to 2600 | .090-.130 | .012 | Brass | .450 | Side Feed |
| 60627-1† | | | | | | | |
| 60627-2 | O | 1400 to 2600 | .090-.130 | .012 | Tin Plated Brass | .450 | |
| 62231-1 | O | 1400 to 2600 | .090-.130 | .012 | Pre Nickel Plated Steel | .450 | |
| 60806-1 | O | 1600 to 4100 | .105-.145 | .012 | Brass | .450 | |
| 61031-1† | O | 1600 to 4100 | .105-.145 | .012 | Brass | .440 | Same as 60806-1 except ins. less pointed Side Feed |
| 61098-1† | | | | | | | |
| 60844-1 | P | A 18-16 | — | .012 | Brass | .710 | Butt Splice Side Feed |
| | | B 18-14 Solid | .135-.170 | | | | |
| 60844-2 | P | A 18-16 | — | .012 | Tin Plated Brass | .710 | |
| | | B 18-14 Solid | .135-.170 | | | | |
| 62419-1 | P | A 18-16 | — | .020 | Tin Plated Brass | .710 | |
| | | B 18-14 Solid | .135-.170 | | | | |
| 61300-1 | R | 10,000 to 16,000 | .140-.185 | .031 | Tin Plated Steel | .530 | Side Feed |
| 61416-1 | S | 1000 to 2600 | .090-.110 | .014 | Stainless Steel | .475 | Side Feed |
| 61416-2 | S | 1000 to 2600 | .090-.110 | .014 | Tin Plated Steel | .475 | |
| 61417-1 | S | 1000 to 2600 | .040-.060 | .014 | Stainless Steel | .475 | |
| 61485-1 | S | 400 to 1000 | .025-.035 | .010 | Pre Tin Plated Brass | .425 | |

†Dash number designates direction terminal comes off the reel depending on equipment used. Consult AMP Engineering.

## Shielded Wire Ferrules

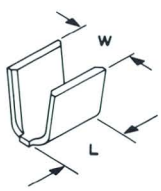
T



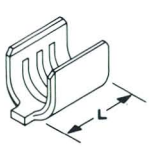

| Catalog Number | Type | Braided Wire Dia. | Stock Thick-ness | Material | L |
|---|---|---|---|---|---|
| 42687-1 | T | .075-.090 | .027 | Brass | .139 |
| 42687-2 | T | .075-.090 | .027 | Tin Plated Brass | .139 |
| 42662-1 | T | .090-.110 | .027 | Brass | .139 |
| 42704-2 | T | .112-.132 | .027 | Tin Plated Brass | .139 |
| 42705-1 | T | .132-.160 | .027 | Brass | .139 |
| 42705-2 | T | .132-.160 | .027 | Tin Plated Brass | .139 |
| 485074-2 | T | .160-.190 | .027 | Tin Plated Brass | .139 |

## Wire Stuffers

U



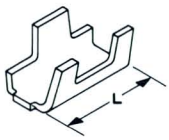

V



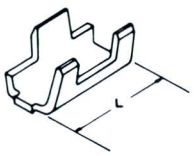

| Catalog Number | Type | Wire Range (Circular Mils.) | Stock Thick-ness | Material | W | L | Remarks |
|---|---|---|---|---|---|---|---|
| 42091-2 | U | 100 to 300 | .020 | Tin Plated Copper | .105-.080 | .100 | |
| 42091-3 | U | 100 to 300 | .020 | Gold Plated Copper | .105-.080 | .100 | |
| 42595-1 | U | 100 to 300 | .020 | Copper | .095-.070 | .100 | Same as 42091 except smaller U-width |
| 42595-2 | U | 100 to 300 | .020 | Tin Plated Copper | .095-.070 | .100 | |
| 42061-0 | V | 18 | .042 | Brass | — | .188 | Side Feed |
| 42061-1 | V | 18 | .042 | Tin Plated Brass | — | .188 | |

# IDENTIFICATION BANDS – SPLICES

A




B

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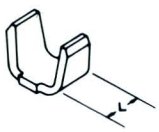
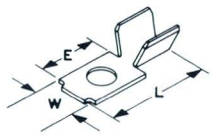



| Catalog Number | Type | Insulation Dia. Range | Stock Thick-ness | Material | L | Remarks |
|---|---|---|---|---|---|---|
| 41108 | A | .125-.220 | .020 | Brass | .250 | One to three digits stamped on band in crimping operation |
| 40942 | A | .125-.220 | .020 | Tin Plated Brass | .250 | |
| 41276 | A | .125-.220 | .020 | Aluminum | .250 | |
| 40681 | A | .125-.220 | .020 | Tin Plated Steel | .250 | |
| 41022 | B | .070-.090 | .020 | Brass | .209 | One to three digits stamped on band in crimping operation |
| 41452 | B | .070-.090 | .020 | Tin Plated Brass | .209 | |
| 41311 | B | .070-.090 | .020 | Aluminum | .209 | |
| 61491-2 | C | .100-.140 | .020 | Brass | .250 | One to three digits stamped on band in crimping operation |
| 41574 | C | .150-.300 | .020 | Aluminum | .180 | |
| 41282 | C | .150-.300 | .030 | Brass | .180 | |
| 41137 | C | .150-.300 | .030 | Tin Plated Brass | .180 | |

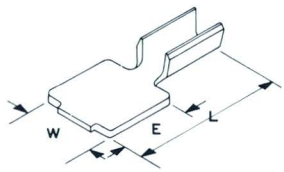
# CONTACTS AND WELDING TABS

## Non-Insulation Support

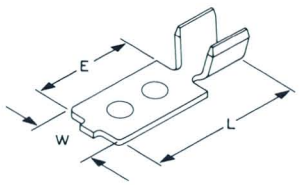
A



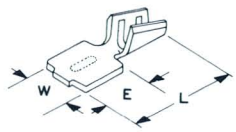

B



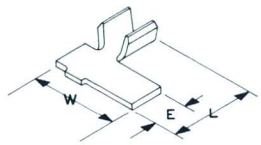

C



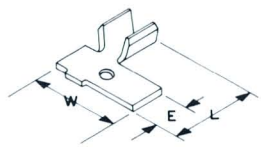

D



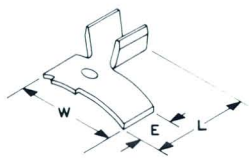

E



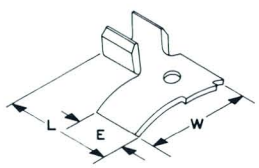

F




G



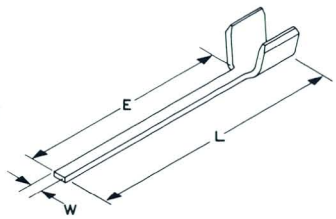

H



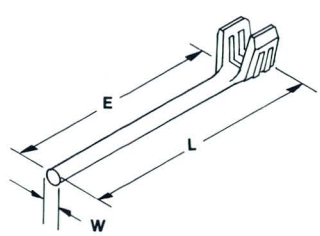

| Catalog Number | Type | Wire Range | Stock Thickness | Material | W | L | E | Remarks |
|---|---|---|---|---|---|---|---|---|
| 61034-1 | A | 20-16 | .020 | Brass | .125 | .346 | .154 | Hole .080 dia. |
| 40773 | B | 24-22 | .020 | Tin Plated Brass | .154 | .346 | .154 | |
| 62029-1 | B | 20-16 | .012 | Brass | .246 | .445 | .246 | |
| 62015-1 | C | 22-18 | .010 | Annealed Nickel | .142 | .375 | .250 | |
| 60226-1 | D | 22-18 | .014 | Pre Tin Plated Brass | .080 | .218 | .075 | |
| 42080-0 | E | 22-18 | .020 | Brass | .390 | .346 | .154 | |
| 42080-3 | E | 22-18 | .020 | Pre Nickel Plated Steel | .390 | .346 | .154 | |
| 61232-1 | E | 22-18 | .020 | Pre Nickel Plated Steel | .390 | .346 | .154 | Reverse reel of 42080-3 |
| 62246-1 | E | 18-14 | .020 | Brass | .210 | .346 | .154 | |
| 40618† | E | 18-14 | .020 | Brass | .390 | .346 | .154 | |
| 40618-1† | | | | | | | | |
| 62268-1 | F | 22-18 | .020 | Pre Nickel Stainless Steel | .390 | .346 | .154 | .067 Dia. Hole |
| 40993 | G | 18-14 | .020 | Brass | .390 | .341 | .154 | Left Handed |
| 42920-1 | G | 18-14 | .020 | Brass | .390 | .341 | .154 | More curve on contact than 40993 |
| 42920-3 | G | 18-14 | .020 | Phosphor Bronze | .390 | .341 | .154 | |
| 42920-2 | H | 18-14 | .020 | Brass | .390 | .341 | .154 | |
| 61267-1 | J | 18-14 | .015 | Nickel Plated Steel | .080 | 2.000 | 1.750 | |
| 60377-1 | K | 26-22 | .020 | Nickel | .020 Dia. | .595 | .530 | |
| 62361-1 | K | 26-22 | .020 | Nickel | .020 Dia. | .595 | .530 | Reverse reel of 60377-1 |

†Dash number designates direction terminal comes off the reel depending on equipment used. Consult AMP Engineering for correct number.

J



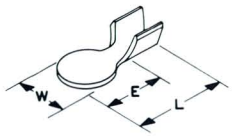

K



# CONTACTS AND WELDING TABS

## Non-Insulation Support (Continued)

J

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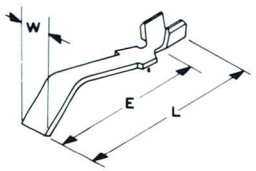


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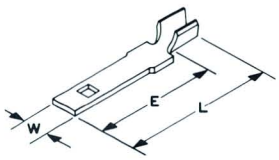


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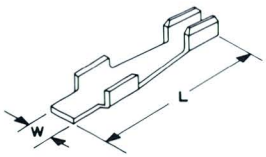


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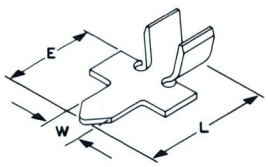


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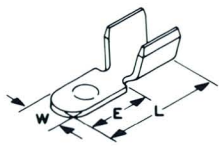


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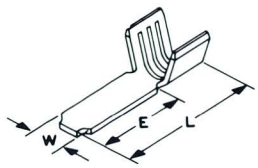


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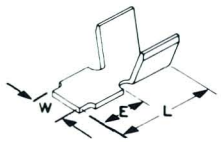


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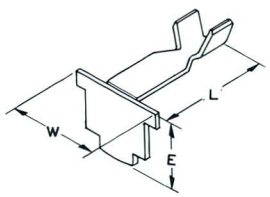
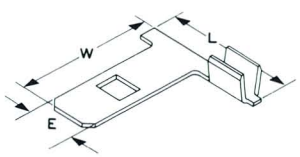



| Catalog Number | Type | Wire Range | Stock Thickness | Material | W | L | E | Remarks |
|---|---|---|---|---|---|---|---|---|
| 41198 | J | 22-18 | .016 | Brass | .088 | .211 | .146 | |
| 42288-1 | K | 18-14 or (2) 18 | .016 | Brass | .140 | .920 | .780 | Lamp socket contact |
| 62315-1 | L | 22-18 | .016 | Brass | .140 | .760 | .635 | May be bent 60° in applicator. No hole |
| 42289-1 | L | 18-14 or (2) 18 | .016 | Brass | .140 | .760 | .620 | Lamp socket contact Tab bent up 60° in applicator. No hole. |
| 42289-2 | L | 18-14 or (2) 18 | .016 | Tin Plated Brass | .140 | .760 | .620 | |
| 42349-1 | L | 18-14 or (2) 18 | .016 | Brass | .140 | .700 | .560 | |
| 42349-2 | L | 18-14 or (2) 18 | .016 | Tin Plated Brass | .140 | .700 | .560 | |
| 42289-3 | L | 18-14 or (2) 18 | .016 | Brass | .140 | .760 | .620 | No bend or hole |
| 61433-1 | L | 18-14 or (2) 18 | .016 | Brass | .140 | .700 | .560 | Has .086 square hole |
| 42406-1 | M | 22-16 | .018 | Brass | .125 | .767 | — | |
| 485081-3 | N | 18-14 | .016 | Silver Plated Brass | .140 | .466 | .326 | |
| 62153-1 | O | 20-16 | .020 | Tin Plated Steel | .125 | .270 | .175 | Dimple up |
| 62081-1 | P | 22-18 | .025 | Brass | .090 | .380 | .200 | |
| 62134-1 | R | 18-14 | .016 | Nickel Plated Steel | .140 | .350 | .210 | |
| 62182-1 | S | 22-18 | .030 | Brass | .412 | .460 | .325 | |
| 62332-1 | S | 22-18 | .030 | Brass | .412 | .460 | .295 | |
| 61026-1 | T | 22-18 | .020 | Phos. Bronze | .640 | .412 | .187 | Left handed Bent in application |
| 61150-1 | T | 22-18 | .020 | Phos. Bronze | .640 | .412 | .187 | Right handed Bent in application |
| 62103-1 | U | 26-20 | .020 | Gold Plated Brass | .154 | .338 | .260 | Right handed |
| 62104-1 | U | 26-20 | .020 | Gold Plated Brass | .154 | .338 | .260 | Left handed |
| 62095-1† 62095-2† | V | 22-18 | .010 | Phos. Bronze | .250 | .675 | — | |
| 62128-1 | W | 20-14 | .018 | Brass | .281 | .630 | .490 | Tab Lok |

†Dash number designates direction terminal comes off the reel depending on equipment used. Consult AMP Engineering.

T

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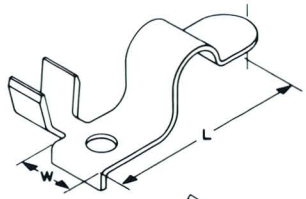


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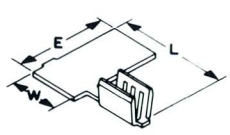


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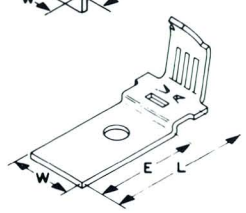
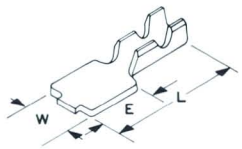


Insulation Support

A

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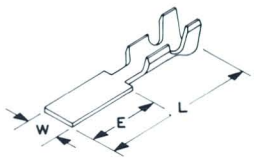


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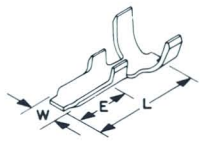


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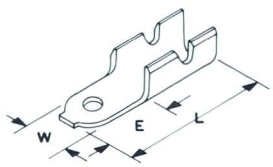


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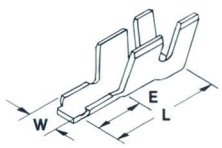


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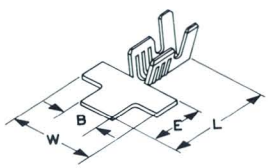


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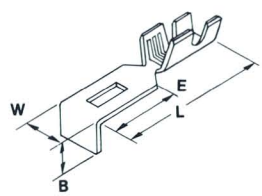


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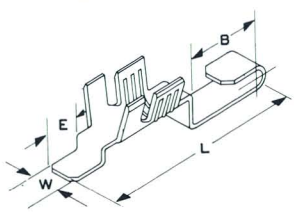
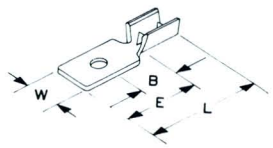



| Catalog Number | Type | Wire Range | Insulation Dia. Range | Stock Thick-ness | Material | W | L | E | B | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 41159 | A | 20-18 | .060-.110 | .020 | Tin Plated Brass | .156 | .455 | .196 | — | |
| | | | | | | | | | | |
| 42063 | B | 26-22 | .055-.080 | .012 | Brass | .156 | .685 | .375 | — | |
| 42819-1 | B | 26-22 | .055-.080 | .012 | Tin Plated Brass | .156 | .685 | .375 | — | |
| 40957 | B | 26-22 | .055-.080 | .012 | Pre Nickel Plated Steel | .156 | .685 | .375 | — | |
| 61263-1 | B | 26-22 | .080 Max. | .008 | Stainless Steel | .115 | .685 | .375 | — | |
| 62062 | B | 26-22 | .080 Max. | .012 | Pre Nickel Plated Steel | .090 | .362 | .100 | — | |
| 62278-1 | B | 24-22 | .112 Max. | .008 | Stainless Steel | .115 | .685 | .375 | — | |
| 62323-1 | B | 18-14 | .110-.160 | .016 | Tin Plated Brass | .229 | .765 | .394 | — | |
| | | | | | | | | | | |
| 41466 | C | 18-16 | .180-.250 | .020 | Nickel Plated Steel | .125 | .460 | .187 | — | Curved Tab |
| 60722-1 | C | 18-16 | .090-.140 | .020 | Pre Nickel Plated Steel | .124 | .460 | .187 | — | Flat Tab |
| 62024-1 | C | 18-16 | .090-.140 | .020 | Stainless Steel | .124 | .460 | .187 | — | |
| | | | | | | | | | | |
| 40887 | D | 22-18 | .060-.090 | .020 | Tin Plated Steel | .125 | .365 | .162 | — | No Hole |
| 60287-1 | D | 22-18 | .060-.090 | .020 | Pre Nickel Plated Steel | .125 | .365 | .162 | — | |
| 60564 | D | 18-14 | .090-.140 | .020 | Pre Nickel Plated Steel | .125 | .365 | .162 | — | No Dimple |
| 60581-1 | D | 20-16 | .090-.130 | .020 | Tin Plated Steel | .125 | .365 | .162 | — | |
| 40990 | D | 20-16 | .090-.130 | .020 | Stainless Steel | .125 | .365 | .162 | — | Dimple |
| 40990-1 | D | 20-16 | .090-.130 | .020 | Tin Plated Steel | .125 | .365 | .162 | — | |
| 62410-1 | D | 24-20 | .040-.071 | .012 | Tin Plated Steel | .061 | .295 | .095 | — | Dimple |
| | | | | | | | | | | |
| 62179-1 | E | 18-14 | .120-.170 | .032 | Tin Plated Steel | .165 | .632 | .267 | — | Curved Tab |
| 62180-1 | E | 12-10 | .123-.218 | .032 | Tin Plated Steel | .165 | .632 | .267 | — | |
| | | | | | | | | | | |
| 61332-1 | F | 24-22 | .110 Max. | .016 | Pre Nickel Plated Steel | .240 | .413 | .142 | .110 | |
| | | | | | | | | | | |
| 62349-1 | G | 22-18 | .053-.067 | .016 | Brass | .150 | .565 | .280 | .141 | |
| | | | | | | | | | | |
| 61342-1 | H | 22-18 | .080-.100 | .020 | Brass | .188 | 1.435 | .265 | .610 | |
| 61342-2 | H | 22-18 | .080-.100 | .020 | Tin Plated Brass | .188 | 1.435 | .265 | .610 | |

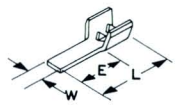
# CONTACTS AND WELDING TABS

## Insulation Piercing

A




B

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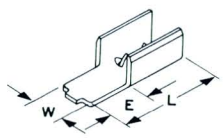


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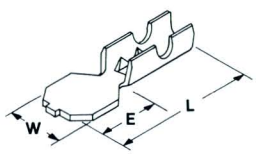


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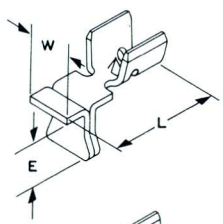


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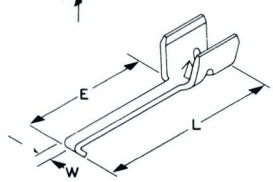


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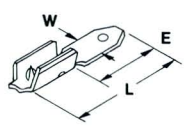
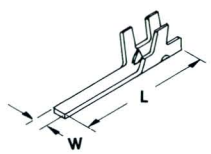



H



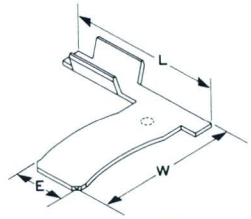

| Catalog Number | Type | Wire Range | Insulation Dia. Range | Stock Thickness | Material | W | L | E | B | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 42123-1 | A | 20-16 | .110-.130 | .016 | Brass | .175 | .780 | .470 | .212 | .080 dia. hole |
| 42123-2 | A | 20-16 | .110-.130 | .016 | Tin Plated Brass | .175 | .780 | .470 | .212 | |
| 62396-1 | B | — | .040-.050 | .016 | Brass | .063 | .480 | .270 | — | Tinsel Wire |
| 42483-1 | B | — | .045-.060 | .016 | Brass | .050 | .450 | .247 | — | |
| 60531-1 | C | 24-20 | .050-.065 | .012 | Tin Plated Brass | .080 | .305 | .100 | — | |
| 42755-2† | D | 24-20 | .050-.060 | .012 | Tin Plated Brass | .156 | .470 | .197 | — | |
| 61465-1† | E | .035 x .085 Rect. Wire | — | .030 | Tin Plated Brass | .188 | .575 | .218 | — | |
| 61465-2† | E | | | | | | | | | |
| 61141-1† | F | — | .040-.050 | .016 | Gold Plated Brass | .062 | .735 | .525 | — | Tinsel Wire |
| 62251-1 | G | 26-22 | .050-.070 | .016 | Brass | .115 | .450 | .250 | — | |
| 61248-1 | H | 20-18 | .065-.080 | .020 | Tin Plated Brass | .050 | .578 or .862 | — | — | Applicator cuts to length |

†Dash number designates direction terminal comes off the reel depending on equipment used. Consult AMP Engineering for correct number.

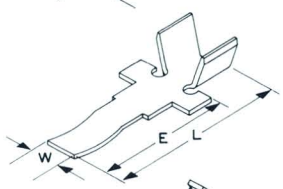
# CARBON BRUSH ASSEMBLY CONTACTS

## Lead Wire Contacts Non-Insulation Support

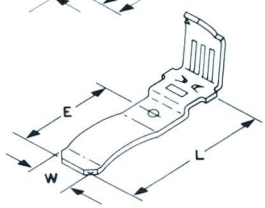
A




B




C

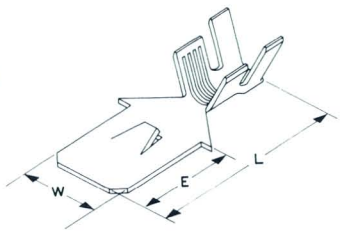



| Catalog Number | Type | Wire Range | Stock Thickness | Material | W | L | E | B | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 60812-1 | A | 18-14 | .020 | Phos. Bronze | .640 | .412 | .187 | — | Right handed |
| 60812-2 | A | 18-14 | .020 | Phos. Bronze | .640 | .412 | .187 | — | Left handed |
| 350010-1 | A | 18-14 | .020 | Phos. Bronze | .640 | .381 | .125 | — | Right handed |
| 485018-1 | A | 18-14 | .020 | Phos. Bronze | .640 | .412 | .187 | — | |
| 485018-2 | A | 18-14 | .020 | Phos. Bronze | .640 | .412 | .187 | — | Left handed |
| 62326-1 | A | 18-14 | .020 | Phos. Bronze | .640 | .412 | .187 | — | Same as 60812-2 except bow height is .050 |
| 60987-1 | B | 22-18 | .016 | Brass | .145 | .700 | .560 | — | Bent in application |
| 62008-1† 62009-1† | C | 20-14 | .018 | Phos. Bronze | .187 | .620 | .430 | — | Tab Lok |

†Dash number designates direction terminal comes off the reel depending on equipment used. Consult AMP Engineering.

## Spring Energizer Contacts Insulation Support

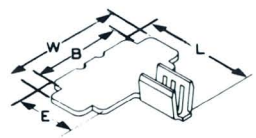
D



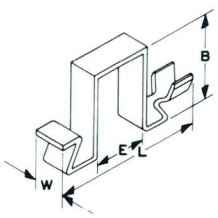

| Catalog Number | Type | Wire Range | Insulation Dia. Range | Stock Thickness | Material | W | L | E | B | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 61390-1 | D | 18-14 | .110-.160 | .016 | Brass | .255 | .775 | .355 | — | |
| 61390-2 | D | 18-14 | .110-.160 | .016 | Gold Plated Brass | .255 | .775 | .355 | — | |
| 62133-1 | D | 18-14 | .110-.160 | .016 | Gold Plated Brass | .255 | .775 | .355 | — | Tab down |
| 62155-1 | D | 18-14 | .110-.160 | .016 | Brass | .248 | .660 | .240 | — | Tab down |

## Non-Insulation Support

E

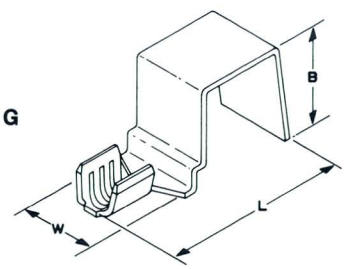



F

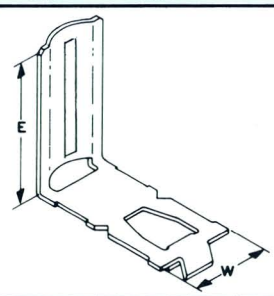



| Catalog Number | Type | Wire Range | Stock Thickness | Material | W | L | E | B | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 62098-1 | E | 18-14 | .025 | Brass | .503 | .415 | .234 | .361 | |
| 61539-1 | F | 22-18 | .020 | Brass | .180 | .645 | .188 | .755 | |
| 61540-1 | F | 22-18 | .020 | Brass | .180 | .710 | .252 | .755 | |
| 62028-1 | G | 20-16 | .016 | Brass | .180 | .491 | — | .312 | |
| 62072-1 | H | 20-16 | .025 | Brass | .372 | — | .701 | — | |

G



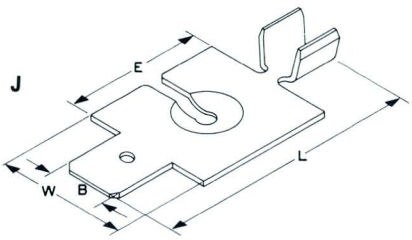

H



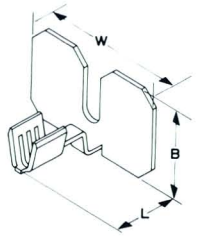
# CARBON BRUSH ASSEMBLY CONTACTS

Brush Wire Terminal
Non-Insulation Support

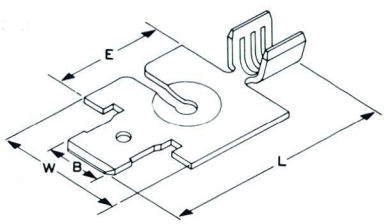
J



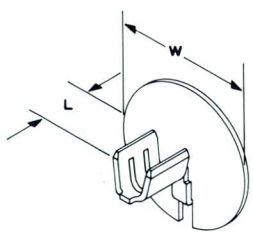

K



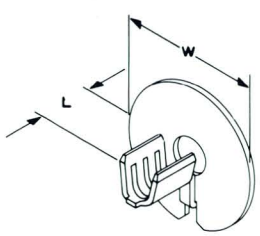

L




M



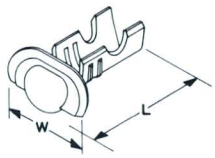

N



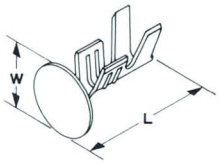

| Catalog Number | Type | Wire Range | Stock Thick-ness | Material | W | L | E | B | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 42740-1 | J | 22-20 | .020 | Brass | .420 | .855 | .430 | .187 | For automatic brush machine |
| 61692-1 | J | 24-20 | .020 | Brass | .500 | .853 | .415 | .187 | |
| 61555-2 | J | 22-20 | .020 | Brass | .420 | .917 | .430 | .250 | |
| 61524-1 | K | 20-16 | .018 | Brass | .240 | .273 | — | .240 | For automatic brush machine |
| 61984-1 | L | 24-20 | .020 | Brass | .500 | .813 | .415 | .205 | For automatic brush machine |
| 62371-1 | L | 22-18 | .020 | Brass | .580 | .930 | .506 | .205 | |
| 61940-1 | M | 22-18 | .016 | Tin Plated Brass | .531 | .190 | — | — | For automatic brush machine |
| 61975-1 | M | 24-20 | .016 | Pre Tin Plated Brass | .312 | .185 | — | — | |
| 61933-1 | M | 24-20 | .018 | Brass | .285 | .210 | — | — | |
| 62302-1 | M | 24-20 | .016 | Pre Tin Plated Brass | .240 | .185 | — | — | |
| 62045-1 | N | 22-18 | .016 | Tin Plated Brass | .531 | .190 | — | — | .105 .100 hole dia. For automatic brush machine |

## Insulation Support

A



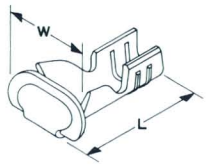

B



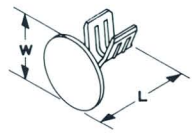

| Catalog Number | Type | Wire Range | Insulation Dia. Range | Stock Thickness | Material | W | L | Remarks |
|---|---|---|---|---|---|---|---|---|
| 42218-1 | A | 20-16 | .090-.120 | .016 | Brass | .195 | .239 | Fits .150 hole dia. |
| 42218-2 | A | 20-16 | .090-.120 | .016 | Tin Plated Brass | .195 | .239 | |
| | | | | | | | | |
| 61039-1 | B | 20-16 | .090-.125 | .016 | Brass | .190 | .310 | |
| 61165-1 | B | 20-16 | .090-.125 | .016 | Brass | .195 | .310 | |
| 61807-1 | B | 20-16 | .090-.125 | .016 | Brass | .195 | .300 | |
| 505034-1 | B | 20-16 | .090-.125 | .016 | Tin Plated Brass | .240 | .310 | |

## Non-Insulation Support

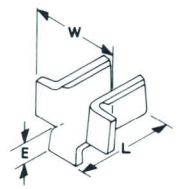
C




D




E



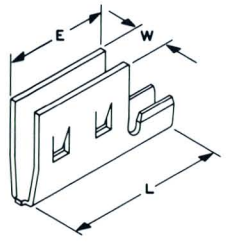

| Catalog Number | Type | Wire Range | Stock Thickness | Material | W | L | E | Remarks |
|---|---|---|---|---|---|---|---|---|
| 42069-0 | C | 18-16 | .016 | Brass | .190 | .253 | — | Fits .155 hole dia. |
| 42069-1† | C | 18-16 | .016 | Tin Plated Brass | .190 | .253 | — | |
| 61770-1† | | | | | | | | |
| 42661-1 | C | 18-16 | .016 | Brass | .244 | .280 | — | |
| 42661-2 | C | 18-16 | .016 | Tin Plated Brass | .244 | .280 | — | |
| | | | | | | | | |
| 61280-1 | D | 20-16 | .016 | Brass | .190 | .235 | — | |
| | | | | | | | | |
| 40662 | E | 20-16 | .020 | Brass | .230 | .175 | .060 | Tab bent down in applicator |
| 40792 | E | 20-16 | .020 | Tin Plated Brass | .230 | .175 | .060 | |
| 42523-1 | E | 20-16 | .020 | Silver Plated Brass | .230 | .175 | .060 | |

†Dash number designates direction terminal comes off the reel depending on equipment used. Consult AMP Engineering for correct number.

# CONTACTS
# GROUNDING CLIPS

## Non-Insulation Support

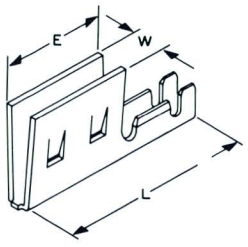
A




| Catalog Number | Type | Wire Range | Stock Thick-ness | Material | W | L | E | Remarks |
|---|---|---|---|---|---|---|---|---|
| 41010 | A | 22-16 | .020 | Brass | .180 | .760 | .450 | 4 Lances No serrations |
| 41026 | A | 22-16 | .020 | Tin Plated Brass | .160 | .760 | .450 | |
| 41033 | A | 22-16 | .020 | Brass | .160 | .760 | .450 | |
| 60638-1 | A | 22-16 | .020 | Tin Plated Steel | .160 | .747 | .450 | Stress relieved 6 Lances |

## Insulation Support

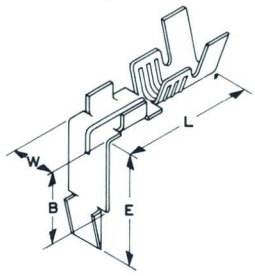
B




| Catalog Number | Type | Wire Range | Insulation Dia. Range | Stock Thick-ness | Material | W | L | E | B | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 60570-1 | B | 22-16 | .090-.120 | .020 | Brass | .160 | .780 | .440 | — | No serrations |
| 61980-1 | B | 22-16 | .090-.120 | .020 | Brass | .160 | .780 | .440 | — | Serrations .020 Gap |
| 62023-1 | B | 22-16 | .090-.120 | .020 | Brass | .160 | .780 | .440 | — | .006/.012 gap for alum strip (serrations) |

## Contact for Baseless Cartridge Lamp

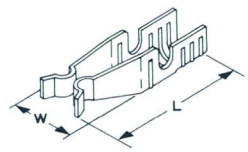
A




| Catalog Number | Type | Wire Range | Insulation Dia. Range | Stock Thickness | Material | W | L | E | B | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 61528-1 | A | 20-16 | .090-.130 | .012 | Brass | .280 | .565 | .703 | .393 | |
| 61584-1 | A | 20-16 | .090-.130 | .012 | Brass | .280 | .565 | .703 | .393 | For Tungsol Cartridge Bulb #563 "Ears" opposite to 61528-1 |
| 61529-1 | A | 20-16 | .090-.130 | .012 | Brass | .280 | .735 | .703 | .393 | |
| 61585-1 | A | 20-16 | .090-.130 | .012 | Brass | .280 | .735 | .703 | .563 | Bulbs 561 & 562 Ears opposite to 61529-1 |

## Receptacle for Wedge Base Lamp

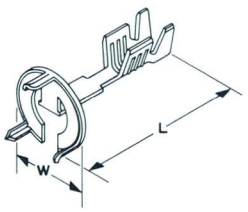
B



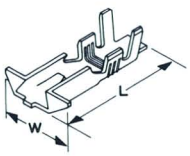

| Catalog Number | Type | Wire Range | Stock Thickness | Material | W | L | Remarks |
|---|---|---|---|---|---|---|---|
| 61812-1 | B | 20-16 | .016 | Tin Plated Brass | .143 | .400 | Fits wedge base lamp GE 194 or equivalent SAE (J573d) |

## Lamp Grounding Contacts

C



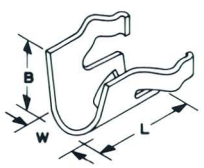

D




| Catalog Number | Type | Wire Range | Insulation Dia. Range | Stock Thickness | Material | W | L | Remarks |
|---|---|---|---|---|---|---|---|---|
| 61371-3 | C | 20-16 | .090-.140 | .016 | Tin Plated Phosphor Bronze | .410 | .800 | SAE J567B fits .371 I.D. Bayonet socket |
| 61736-1 | C | 20-16 | .140 Max. | .016 | Tin Plated Phosphor Bronze | .380 | .630 | |
| 61760-1 | C | 20-16 | .140 Max. | .015 | Tin Plated Phosphor Bronze | .620 | .705 | Fits .607 I.D. Bayonet socket SAE J567B |
| 61548-1 | D | 18-16 | .090-.120 | .016 | Lubronze (CDA 422) | .360 | .710 | Fits .607 I.D. Bayonet Socket (requires special molding) |

## Distributor Cap Contact Insulation Piercing

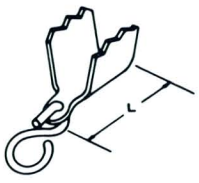
E



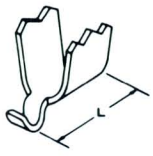

| Catalog Number | Type | Wire Range | Insulation Dia. Range | Stock Thickness | Material | W | L | E | B | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 40801 | E | 7 mm Hi-Tension Wire | .250-.300 | .018 | Nickel Plated Steel | .352 | .500 | — | .377 | For ignition wiring (distributor cap) |

# STRAIN RELIEF TERMINALS

A




B

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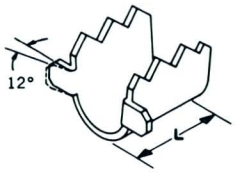
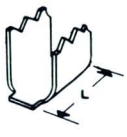
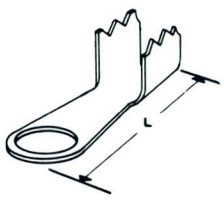


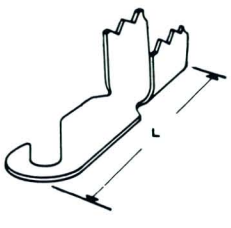

D



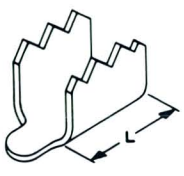

E



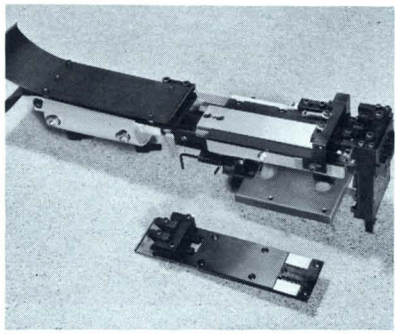

F



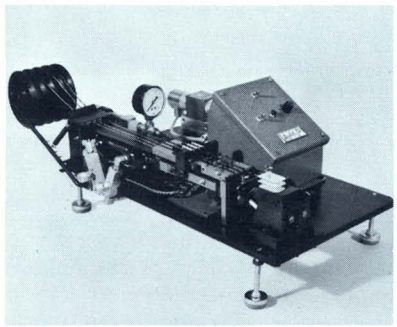

G



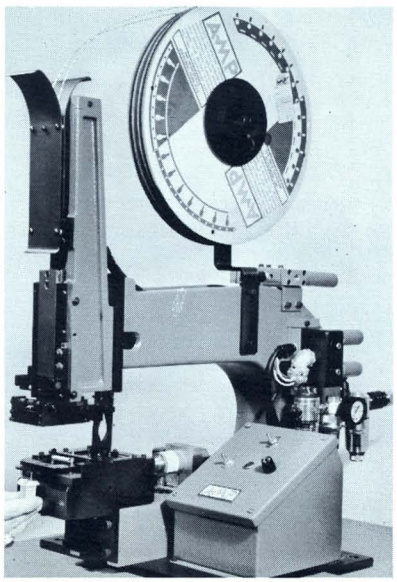

| Catalog Number | Type | Insulation Dia. Range | Stock Thickness | Material | L | Remarks |
|---|---|---|---|---|---|---|
| 42395-1 | A | .180-.230 | .030 | Steel | .560 | |
| 42395-2 | A | .180-.230 | .030 | Tin Plated Steel | .560 | "S" hook Long closed hook |
| 42395-3 | A | .180-.230 | .030 | Brass | .560 | |
| 42395-4 | A | .180-.230 | .030 | Tin Plated Brass | .560 | |
| 42893-1 | A | .180-.230 | .030 | Steel | .560 | "S" hook Long open hook |
| 42893-2 | A | .180-.230 | .030 | Tin Plated Steel | .560 | |
| 42545-1 | A | .180-.230 | .030 | Steel | .560 | "S" hook Short closed hook No step at "S" hook section |
| 42545-2 | A | .180-.230 | .030 | Tin Plated Steel | .560 | |
| 42545-3 | A | .180-.230 | .030 | Brass | .560 | |
| 42545-4 | A | .180-.230 | .030 | Tin Plated Brass | .560 | |
| | | | | | | |
| 42409-1 | B | .180-.230 | .030 | Steel | .435 | |
| 42409-2 | B | .180-.230 | .030 | Tin Plated Steel | .435 | |
| 42409-3 | B | .180-.230 | .030 | Brass | .435 | |
| 42409-4 | B | .180-.230 | .030 | Tin Plated Brass | .435 | "J" hook |
| 42409-5 | B | .180-.230 | .025 | Aluminum | .435 | |
| 62364-1 | B | .100 x .200 Rect. Cable | .025 | Aluminum | .435 | |
| | | | | | | |
| 42412-1 | C | .180-.230 | .030 | Steel | .405 | |
| 42412-2 | C | .180-.230 | .030 | Tin Plated Steel | — | |
| 42412-3 | C | .180-.230 | .030 | Brass | .405 | |
| 42412-4 | C | .180-.230 | .030 | Tin Plated Brass | .405 | |
| 42412-5 | C | .180-.230 | .025 | Aluminum | .405 | Wing type |
| 61830-1 | C | .180 | .028 | Tin Plated Steel | .250 | |
| 61831-1 | C | .150 | .028 | Tin Plated Steel | .250 | |
| 61987-1 | C | .300 | .028 | Tin Plated Steel | .250 | |
| 62365-1 | C | .100 x .200 Rect. Cable | .025 | Aluminum | .250 | |
| 62060-1 | C | .180 | .028 | Tin Plated Steel | .250 | 12° Wing angle |
| | | | | | | |
| 61521-1 | D | .180-.230 | .025 | Aluminum | .250 | Banding clip |
| 61832-1 | D | .186 | .028 | Tin Plated Steel | .250 | |
| | | | | | | |
| 61520-1 | E | .180-.230 | .025 | Aluminum | .750 | Ring .200 hole dia. |
| 62245-1 | E | .180-.230 | .025 | Tin Plated Steel | .750 | |
| | | | | | | |
| 61522-1 | F | .180-.230 | .025 | Aluminum | .750 | Flat hook |
| 61791-1 | F | .230-.280 | .025 | Aluminum | .765 | |
| | | | | | | |
| 42764-1 | G | .180-.230 | .030 | Steel | .560 | |
| 42764-2 | G | .180-.230 | .030 | Tin Plated Steel | .560 | |



Standard Bobbin Tab Insertion Module



Horizontal Single Module Machine



Vertical Single Module Machine

**Standard Bobbin Tab Insertion Module**

The insertion module is used in all Bobbin Tab Insertion equipment. It will take single, multiple or "ladder" type bobbin tabs from reels, remove the tabs from the strip and precisely insert them into a bobbin flange. The module can be provided with conversion tooling that permits the unit to be quickly converted to insert additional tab styles and combinations. The module also can be provided with a pneumatic, hydraulic or mechanical power source.

**Horizontal Single Module Machine**

This equipment is an economical "general purpose" type machine that will accept most bobbins and bobbin tab styles requiring straight insertion of one or more tabs. It is a pneumatically powered bench model consisting of a Standard Insertion Module and bobbin holding fixture mounted on a common base. When the operator places a bobbin in the holding fixture, the machine automatically inserts the required number of tabs and ejects the completed bobbin. The production rate of this machine is usually in excess of 1500 bobbins per hour.

The Single Module Machine also can be provided with the following optional equipment to extend its versatility.

**A. Two Position Bobbin Holder**

This feature permits the processing of bobbins that require a row of tabs in two different flanges, without double processing. When the operator places a bobbin in the holding fixture, the machine automatically inserts a row of tabs into one flange, vertically repositions the bobbin, then inserts the second row of tabs.

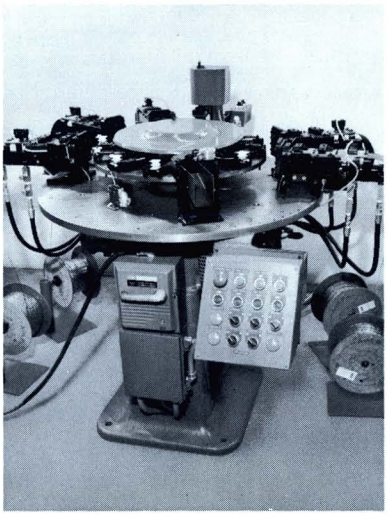
**B. Dual Pocket Bobbin Holder**

This feature allows the operator to load two bobbins for each machine cycle. The bobbin configuration must be small and have prominent orientation features to make two-hand loading practical.

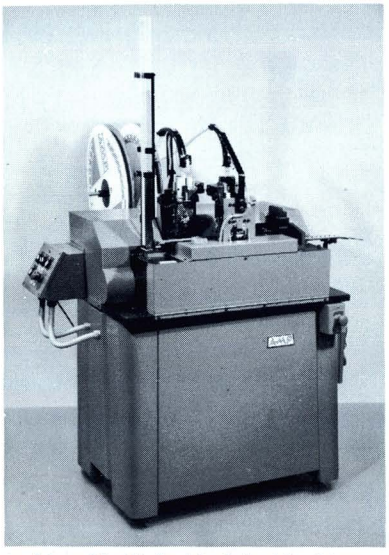
**Vertical Single Module Machine**

The vertically mounted module with a special bobbin holder, permits tabs to be inserted into the "end" of the bobbin flange. Operation of this machine is identical to the horizontal unit, and its production rate is usually in excess of 1500 bobbins per hour.

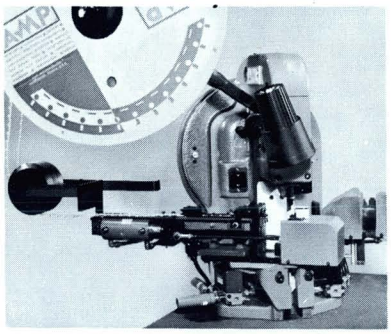
# BOBBIN TERMINALS APPLICATION TOOLING



Rotary Multiple Module Machine



In Line Multiple Module Machine



Tab Insert and Crimp Machine

### Rotary Multiple Module Machine

This multiple-station floor model is ideal where one universal machine is needed to process various styles of bobbins and tabs. Production rates of this machine are in excess of 2000 assemblies per hour for manual loading and 3500 assemblies per hour for automatic loading. The rotary table equipment consists of an operator loading station, an eject station, and the required number of working stations. Each working station can be tooled with a Standard Insertion Module mounted on an adjustable base. This feature allows the unit to be vertically and horizontally aligned to the required tab cavity position on the bobbin flange. These working stations can also be tooled with special forming functions—staking, bending, shearing, etc.—to suit the customer's specific requirements. With such tooling flexibility, several bobbin applications can be tooled on the machine at one time and the work functions made operative, as required, on the control panel.

### In Line Multiple Module Machine

This equipment is applicable where multiple tab insertion and forming operations are required. Its production rates are in excess of 2000 assemblies per hour for manual loading and 6000 assemblies per hour for automatic loading. A bobbin, phenolic board, or similar product requiring a bobbin style terminal is fed through a series of in-line work stations. The number of work stations depends on the operations required, but will normally consist of a loading station, one or more insertion stations using the Standard Insertion Module, a tab staking or clinching station, a bending station and an eject station.

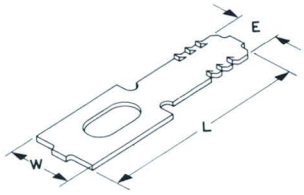
The main drive is electromechanical, and all working stations are cam controlled to provide maximum reliability.

The equipment also can be tooled for manual operator loading, magazine loading, vibrator bowl-feed loading or fully automatic loading by direct acceptance of products from another manufacturing process.

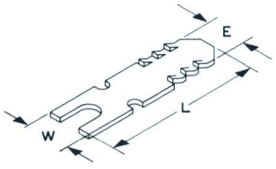
### Tab Insert and Crimp Machine

This equipment is suitable where it is desirable to crimp the start and stop leads of a wound bobbin to a flange mounted tab. The machine consists of a pneumatically powered Standard Insertion Module and bobbin holder mounted in an AMP-O-LECTRIC Press. The operator simply installs a wound bobbin on the holder and places the lead wires into a pair of wire position arms. The machine then will automatically insert two tabs, position the leads over the tab barrels, crimp the leads in the barrels and eject the finished bobbin. This unit is capable of producing up to 800 assemblies per hour.

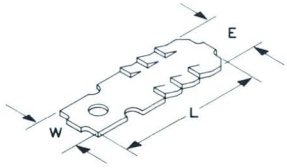
A




B




C

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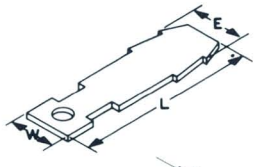


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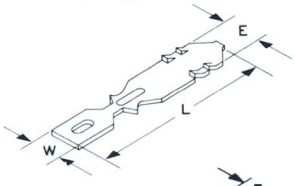


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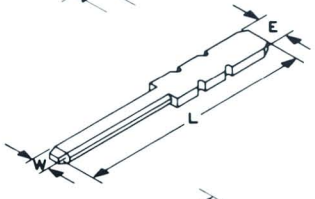
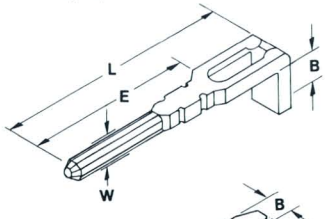



G

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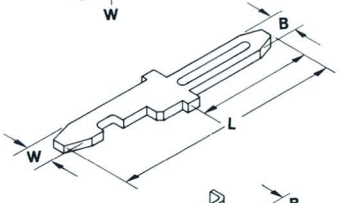
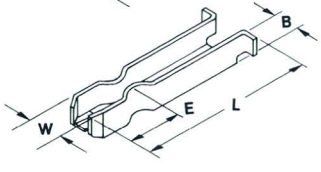


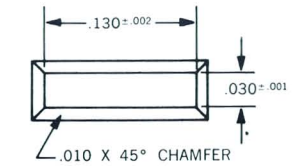

J



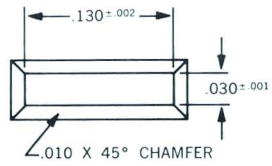

| Terminal Number | Fig. | Stock Thickness | Material and Finish | W | L | E | B | Cavity Detail |
|---|---|---|---|---|---|---|---|---|
| 61302-1 | A | .018 | Brass—Pre-Tin Lead | .170 | .610 | .122 | — | A |
| 61305-1 | A | .018 | Brass—Pre-Tin Lead | .100 | .555 | .122 | — | A |
| 62319-1 | A | .018 | Brass—Pre-Tin Lead | .170 | .625 | .125 | — | A |
| 61303-1 | B | .018 | Brass—Pre-Tin Lead | .122 | .515 | .122 | — | A |
| 61438-1 | B | .018 | Brass—Pre-Tin Lead | .122 | .580 | .122 | — | A |
| 61541-1 | C | .018 | Brass—Pre-Tin Lead | .100 | .370 | .122 | — | A |
| 62079-1 | D | .018 | Brass—Pre-Tin Lead | .082 | .310 | .093 | — | — |
| 61486-1 | E | .018 | Brass—Pre-Tin Lead | .100 | .555 | .122 | — | B |
| 62141-1 | F | .022 | Nickel Alloy | .030 | .291 | .042 | — | C |
| 61952-1 | G | .024 | Brass—Tin | .042 | .515 | .345 | .080 | .031 dia. hole |
| 61952-2 | G | .024 | Brass—Gold | .042 | .515 | .345 | .080 | |
| 61953-1 | G | .024 | Brass—Tin | .042 | .480 | .315 | .080 | |
| 61953-2 | G | .024 | Brass—Gold | .042 | .480 | .315 | .080 | |
| 61666-1 | H | .016 | Brass—Pre-Tin Lead | .045 | .385 | .185 | .040 | — |
| 62218-1<br>62218-2† | J | .006 | Brass—Tin | .052 | .296 | .090 | .040 | D |

†Dash number designates direction terminal comes off the reel depending on equipment used. Consult AMP Engineering for correct number.

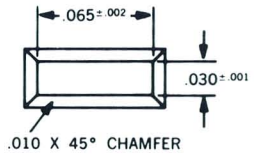
## Cavity Detail



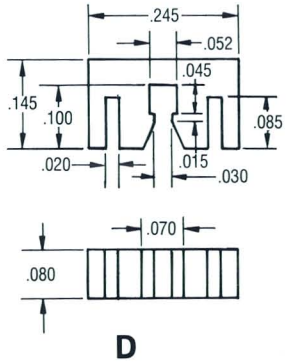

.200 DEEP **A**




.150 DEEP **B**



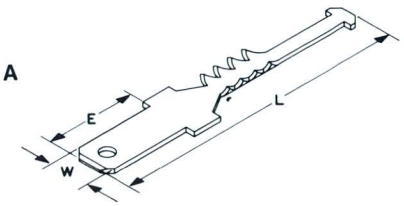

.095 DEEP **C**



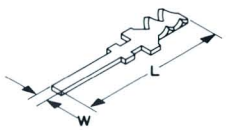

**D**

# BOBBIN TERMINALS

A




B

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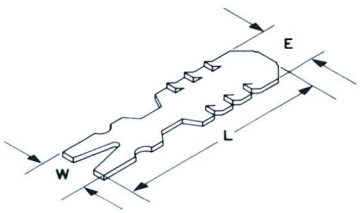


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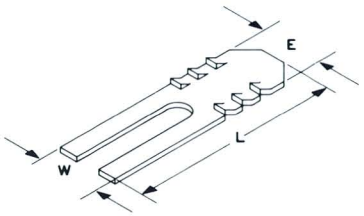


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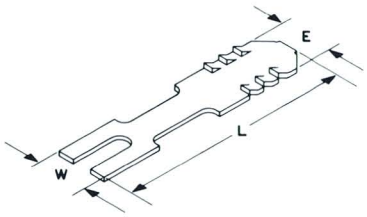


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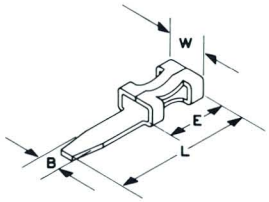
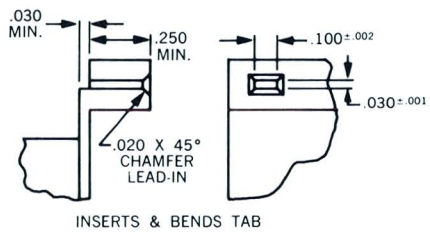
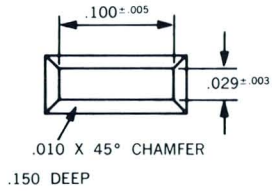



| Terminal Number | Fig. | Stock Thickness | Material and Finish | W | L | E | B | Cavity Detail |
|---|---|---|---|---|---|---|---|---|
| 61665-1 | A | .020 | Brass—Pre-Tin | .110 | 1.000 | .280 | — | G |
| 61679-1 | B | .018 | Brass—Pre-Tin Lead | .050 | .525 | — | — | H |
| 61679-2 | B | .018 | Brass | .050 | .525 | — | — | H |
| 62035-1 | B | .018 | Brass—Pre-Tin Lead | .050 | .750 | — | — | H |
| 485072-1 | C | .018 | Brass—Pre-Tin | .100 | .467 | .122 | — | J |
| 485076-1 | D | .018 | Brass—Pre-Tin Lead | .122 | .465 | .122 | — | J |
| 485082-1 | E | .018 | Brass—Pre-Tin Lead | .122 | .580 | .122 | — | J |
| 61680-1 | F | .010 | Brass—Pre-Tin Lead | .100 | .340 | .150 | .060 | K |

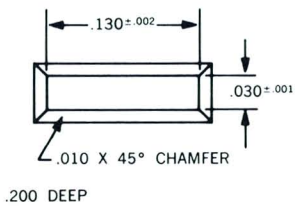
Cavity Detail



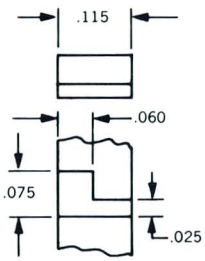

G




H

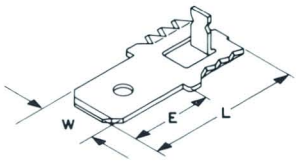



J

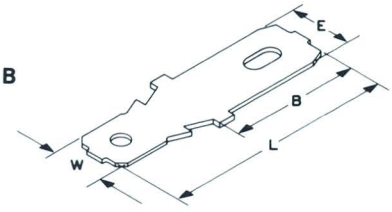



K

A

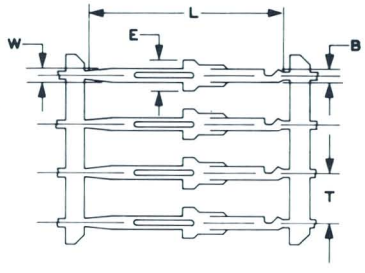



B

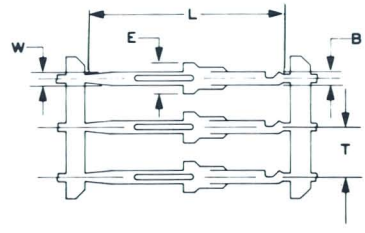



Multiple Strip End Feed

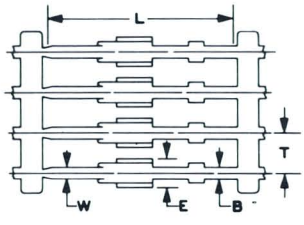
C



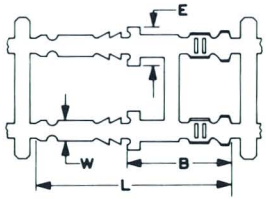

D




E



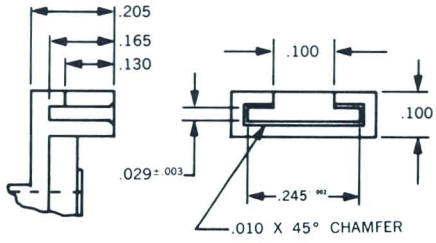

F



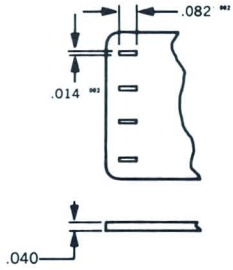

| Terminal Number | Fig. | Stock Thickness | Material and Finish | W | L | E | B | T | Cavity Detail |
|---|---|---|---|---|---|---|---|---|---|
| 61702-1 | A | .018 | Brass—Pre-Tin Lead | .188 | .470 | .230 | — | — | G |
| 62027-1 | B | .012 | Brass—Gold | .078 | .370 | .085 | .211 | — | H |
| 61236-1† 61236-2 | C | .015 | Phos.Bronze—Pre-Tin Lead | .040 | .818 | .121 | .040 | .200 | J |
| 61237-1 | D | .015 | Phos.Bronze—Pre-Tin Lead | .040 | .818 | .121 | .040 | .200 | J |
| 485005-1 | E | .016 | Brass—Tin Lead | .030 | .714 | .102 | .040 | .150 | K |
| 62237-1** | F | .010 | Brass—Pre-Tin Lead | .060 | .425 | — | .195 | — | — |
| 62174-1* | F | .012 | Brass—Tin Lead | .080 | .685 | .140 | .510 | — | L |

†Dash Number designates direction terminal comes off reel depending on equipment used. Consult AMP Engineering.
*Wire Range 28-26, Insulation Diameter Range .025-.045
**Wire Range 24-20

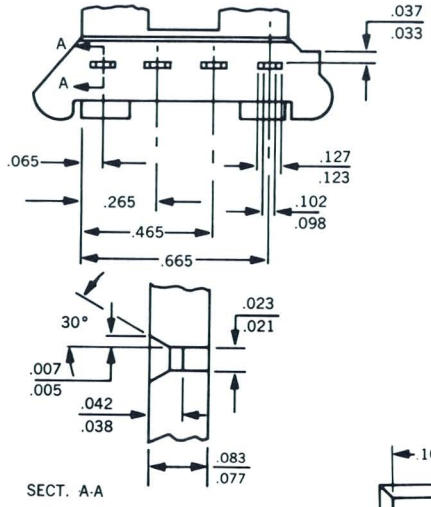
Cavity Detail



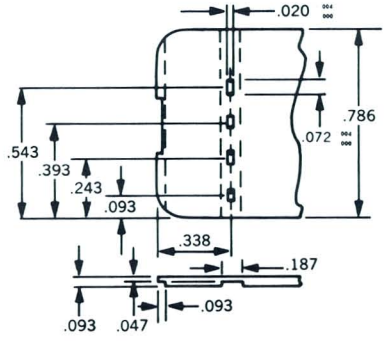

G



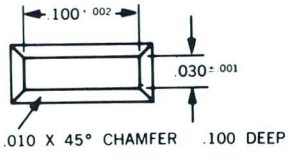

H




J

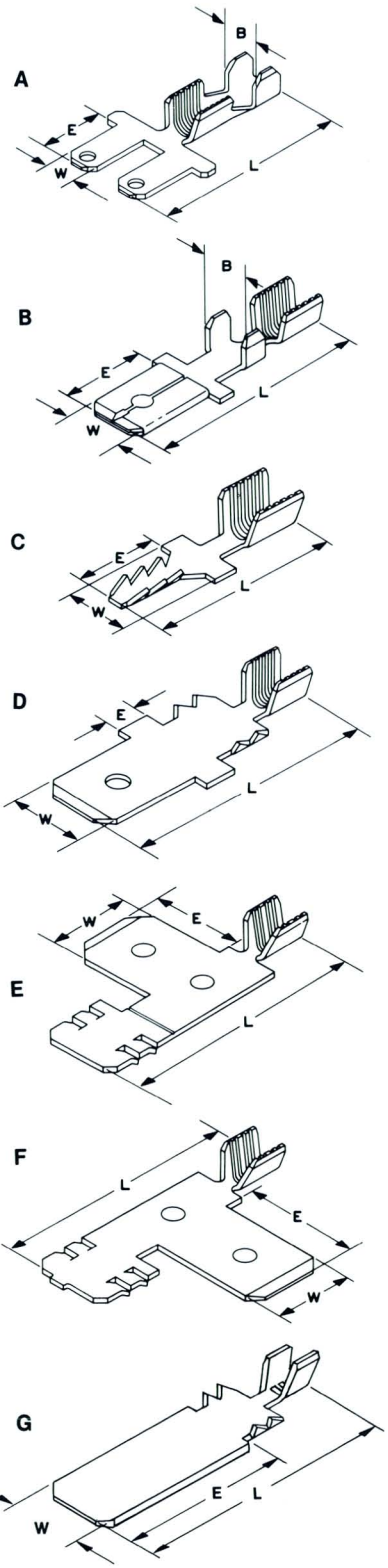



K




L

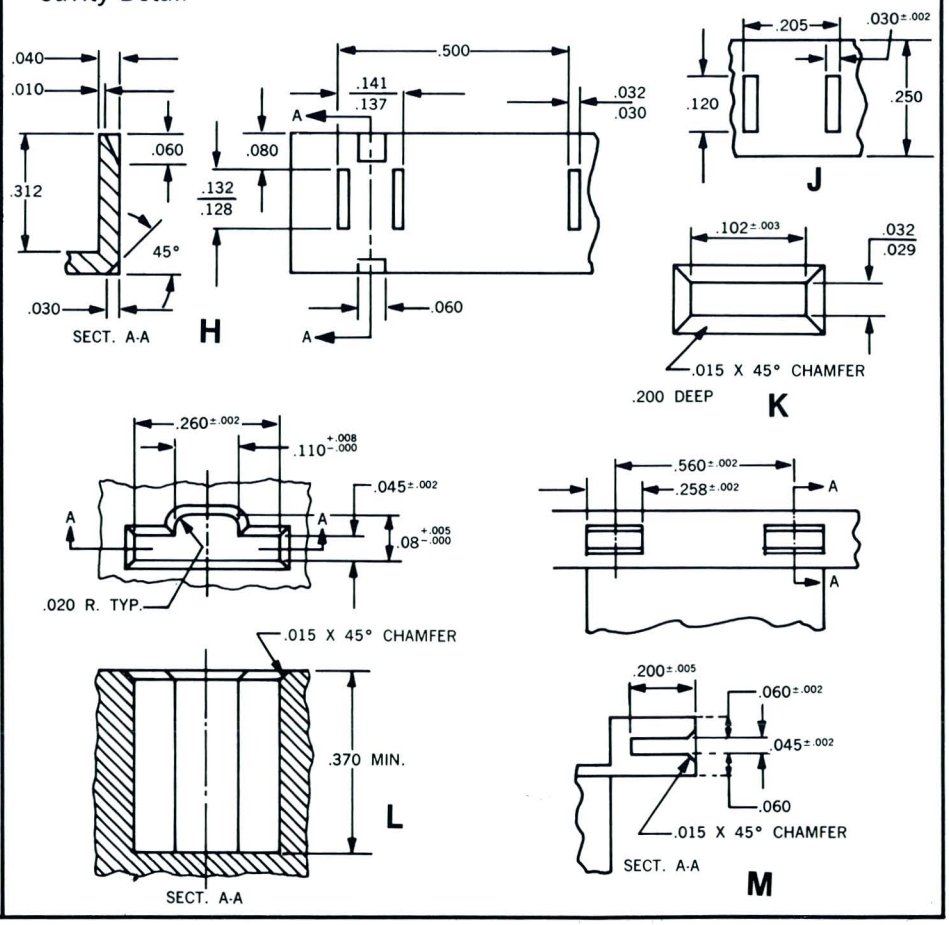
# BOBBIN TERMINALS FOR MAGNET WIRE




| Terminal Number | Fig. | Wire Size Magnet | Stock Thickness | Material and Finish | W | L | E | B | Cavity Detail |
|---|---|---|---|---|---|---|---|---|---|
| 61266-1 | A | 24-18 | .025 | Brass—Tin | .110 | .795 | .280 | .134 | H |
| 62285-1 | A | 24-18 | .025 | Brass—Tin | .110 | .795 | .340 | .134 | H |
| 61502-1 | B | 21-16 | .016 | Brass—Tin | .250 | .830 | .310 | .177 | J |
| 61600-1<br>62106-1† | C | 21-16 | .016 | Brass—Tin | .200 | .490 | .200 | — | K |
| 62192-1<br>62192-2† | C | 32-22 | .016 | Brass—Tin | .100 | .490 | .200 | — | K |
| 61598-1 | D | 32-28 | .032 | Brass—None | .250 | .750 | .125 | — | L |
| 61598-2 | D | 32-28 | .032 | Brass—Tin | .250 | .750 | .125 | — | L |
| 62017-1 | D | 32-28 | .032 | Brass—Tin | .250 | .750 | .075 | — | L |
| 61707-1 | E | 32-28 | .032 | Brass—Tin | .250 | .750 | .310 | — | M |
| 61708-1 | F | 32-28 | .032 | Brass—Tin | .250 | .750 | .310 | — | M |
| 62350-1 | G | 32-28 | .032 | Brass—Tin | .250 | .855 | .540 | — | L |

†Dash Number designates direction terminal comes off reel depending on equipment used. Consult AMP Engineering.

## Cavity Detail



# Area in Circular Mils For Lead Wires

Wire Sizes from #26 to #4

| WIRE SIZE | STRANDS NO. | STRANDS DIA. (MILS.) | WIRE AREA IN CIRC. MILS. | WIRE SIZE | STRANDS NO. | STRANDS DIA. (MILS.) | WIRE AREA IN CIRC. MILS. |
|---|---|---|---|---|---|---|---|
| 26 | 6 | 6.3 | 238 | 14 AN | 19 | 14.2 | 3.831 |
| 26 | 10 | 5.0 | 250 | 14 | 37 | 10.5 | 4,079 |
| 26 | 16 | 4.0 | 256 | 14 | 7 | 24.2 | 4,099 |
| 26 | 8 | 5.6 | 251 | 14 | 19 | 14.7 | 4,106 |
| 26 | 1 | 15.9 | 253 | 14 | 1 | 64.1 | 4,109 |
| 26 | 26 | 3.1 | 250 | — | 41 | 10.0 | 4,100 |
| 26 | 7 | 6.3 | 278 | 14 | 105 | 6.3 | 4,167 |
| 26 | 3 | 10.0 | 300 | 14 | 168 | 5.0 | 4,200 |
| 26 AN | 12 | 5.0 | 300 | 14 | 84 | 7.1 | 4,234 |
| 25 | 10 | 5.6 | 314 | — | 7 | 25.3 | 4,481 |
| 25 | 8 | 6.3 | 318 | 12 | 19 | 17.9 | 6,088 |
| 25 | 1 | 17.9 | 320 | 12 AN | 19 | 17.9 | 6,088 |
| 24 | 10 | 6.3 | 397 | 12 | 259 | 5.0 | 6,475 |
| 24 | 8 | 7.1 | 403 | 12 | 19 | 18.5 | 6,503 |
| 24 | 16 | 5.0 | 400 | 12 | 7 | 30.5 | 6,512 |
| 24 | 4 | 10.0 | 400 | 12 | 37 | 13.3 | 6,545 |
| 24 | 1 | 20.1 | 404 | 12 | 1 | 80.8 | 6,529 |
| 24 | 26 | 4.0 | 416 | 12 | 165 | 6.3 | 6,549 |
| 24 | 13 | 5.6 | 408 | 12 | 84 | 8.9 | 6,654 |
| 24 | 7 | 8.0 | 448 | 10 | 7 | 36.0 | 9,072 |
| 24 | 56 | 2.8 | 439 | — | 37 | 16.0 | 9,472 |
| 24 AN | 19 | 5.0 | 475 | 10 | 414 | 5.0 | 10,350 |
| 23 | 10 | 7.1 | 504 | 10 | 37 | 16.7 | 10,319 |
| 23 | 8 | 8.0 | 512 | 10 | 1 | 101.9 | 10,384 |
| 23 | 1 | 22.6 | 511 | 10 | 7 | 38.5 | 10,376 |
| — | 21 | 5.0 | 525 | 10 | 19 | 23.4 | 10,404 |
| 22 | 6 | 10.0 | 600 | — | 41 | 15.9 | 10,365 |
| 22 | 8 | 8.9 | 634 | 10 | 105 | 10.0 | 10,500 |
| 22 | 16 | 6.3 | 635 | 9 | 7 | 43.0 | 12,943 |
| 22 | 10 | 8.0 | 640 | 9 | 1 | 114.4 | 13,087 |
| 22 | 1 | 25.3 | 640 | 9 | 525 | 5.0 | 13,125 |
| 22 | 7 | 10.0 | 700 | 8 | 7 | 45.0 | 14,175 |
| 22 AN | 19 | 6.3 | 754 | 8 | 133 | 11.1 | 16,386 |
| 20 | 10 | 10.0 | 1,000 | 8 | 37 | 21.1 | 16,472 |
| 20 | 1 | 32.0 | 1,024 | 8 | 1 | 128.5 | 16,512 |
| 20 | 26 | 6.3 | 1,032 | 8 | 7 | 48.6 | 16,533 |
| 20 | 7 | 12.6 | 1,111 | 8 | 19 | 29.5 | 16,534 |
| 20 AN | 19 | 7.9 | 1,186 | 8 | 49 | 18.4 | 16,589 |
| 18 | 19 | 9.2 | 1,608 | 8 AN | 133 | 11.3 | 16,982 |
| — | 16 | 10.0 | 1,600 | 6 | 7 | 57.0 | 22,743 |
| 18 | 1 | 40.3 | 1,624 | 6 | 133 | 14.0 | 26,068 |
| 18 | 7 | 15.2 | 1,617 | 6 | 49 | 23.1 | 26,146 |
| 18 | 65 | 5.0 | 1,625 | 6 | 37 | 26.6 | 26,179 |
| 18 | 7 | 15.3 | 1,639 | 6 | 7 | 61.2 | 26,218 |
| — | 41 | 6.3 | 1,627 | 6 | 1 | 162.0 | 26,244 |
| — | 7 | 16.0 | 1,792 | 6 | 19 | 37.2 | 26,292 |
| 18 AN | 19 | 10.0 | 1,900 | 6 AN | 133 | 14.2 | 26,818 |
| 16 AN | 19 | 11.3 | 2,426 | 6 | 19 | 40.0 | 30,400 |
| 16 | 7 | 19.2 | 2,580 | 6 | 660 | 6.3 | 26,195 |
| 16 | 1 | 50.8 | 2,581 | 4 | 19 | 45.0 | 38,475 |
| 16 | 65 | 6.3 | 2,580 | 4 | 133 | 17.7 | 41,667 |
| 16 | 19 | 11.7 | 2,601 | 4 | 7 | 77.2 | 41,718 |
| 16 | 105 | 5.0 | 2,625 | 4 | 1 | 204.3 | 41,738 |
| — | 26 | 10.0 | 2,600 | 4 | 37 | 33.6 | 41,771 |
| 16 | 7 | 20.0 | 2,800 | 4 | 49 | 29.2 | 41,779 |

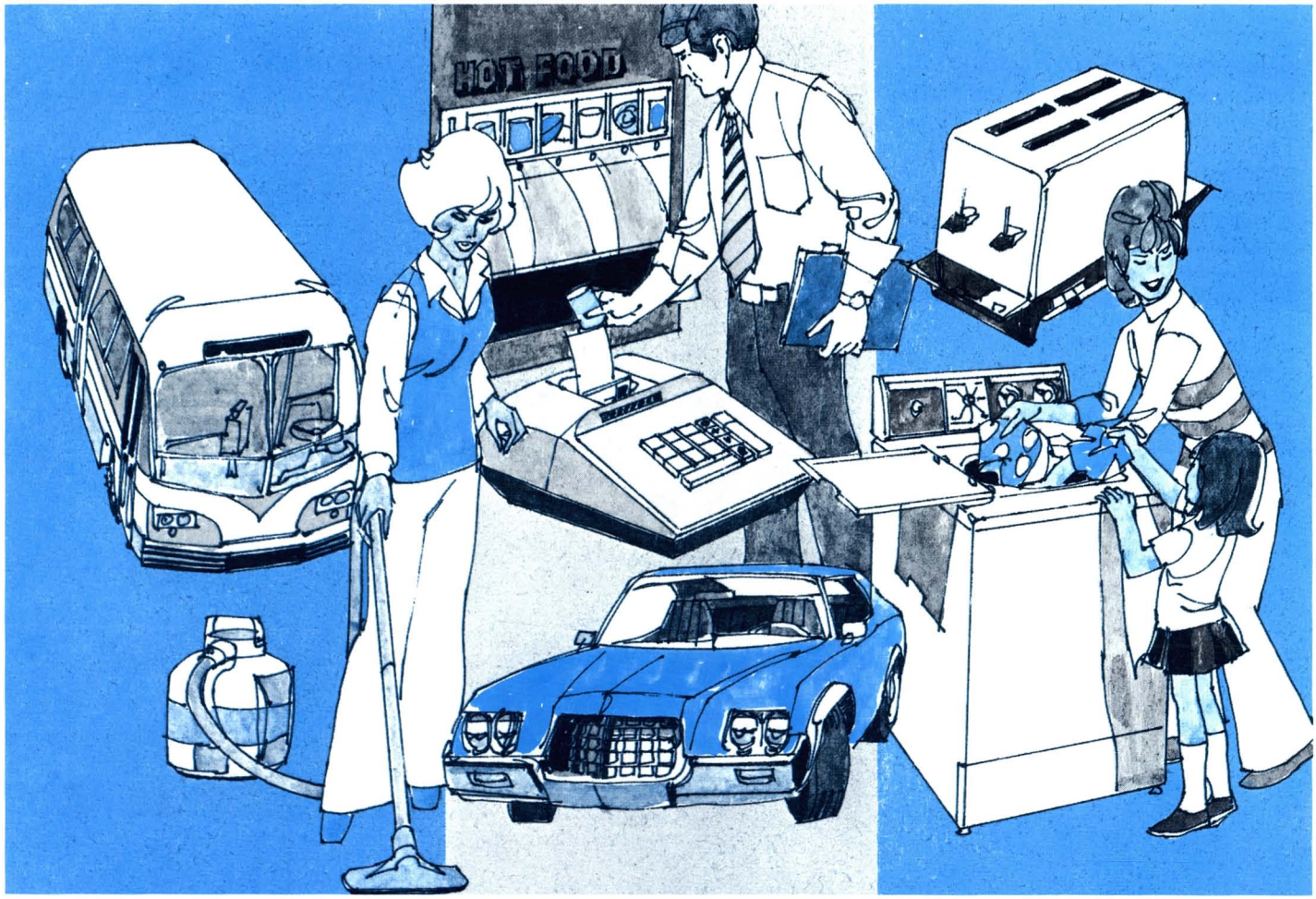
# Area in Circular Mils For Magnet Wires

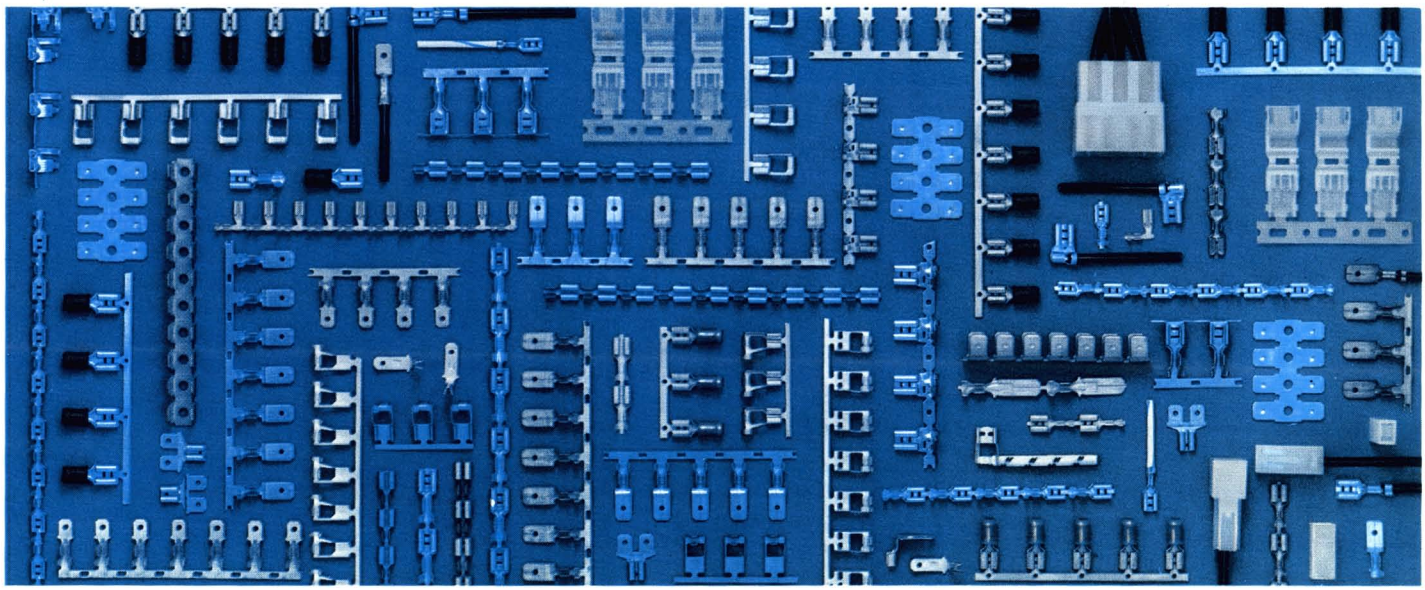
Magnet Wire Sizes from #40 to #8

| WIRE SIZE | BARE WIRE DIA. | COATED WIRE DIA. | CIRCULAR MIL AREA FOR COATED WIRE * |
|---|---|---|---|
| 40 | .0031 | .0035 | 12 |
| 39 | .0035 | .0039 | 15 |
| 38 | .0040 | .0045 | 20 |
| 37 | .0045 | .0050 | 25 |
| 36 | .0050 | .0056 | 31 |
| 35 | .0056 | .0062 | 38 |
| 34 | .0063 | .0069 | 48 |
| 33 | .0071 | .0077 | 59 |
| 32 | .0080 | .0084 | 71 |
| 31 | .0089 | .0092 | 85 |
| 30½ | .0095 | .0099 | 98 |
| 30 | .0100 | .0106 | 112 |
| 29½ | .0107 | .0114 | 130 |
| 29 | .0113 | .0120 | 144 |
| 28½ | .0120 | .0126 | 159 |
| 28 | .0126 | .0136 | 185 |
| 27½ | .0134 | .0144 | 207 |
| 27 | .0142 | .0152 | 231 |
| 26½ | .0150 | .0160 | 256 |
| 26 | .0159 | .0170 | 289 |
| 25½ | .0169 | .0180 | 324 |
| 25 | .0179 | .0190 | 361 |
| 24½ | .0190 | .0200 | 400 |
| 24 | .0201 | .0213 | 455 |
| 23½ | .0214 | .0226 | 511 |
| 23 | .0226 | .0238 | 566 |
| 22½ | .0240 | .0252 | 635 |
| 22 | .0253 | .0266 | 708 |
| 21½ | .0269 | .0282 | 795 |
| 21 | .0285 | .0298 | 888 |
| 20½ | .0303 | .0315 | 992 |
| 20 | .0320 | .0334 | 1116 |
| 19½ | .0340 | .0353 | 1246 |
| 19 | .0359 | .0373 | 1391 |
| 18½ | .0381 | .0395 | 1560 |
| 18 | .0403 | .0418 | 1747 |
| 17½ | .0428 | .0443 | 1962 |
| 17 | .0453 | .0468 | 2190 |
| 16½ | .0481 | .0496 | 2460 |
| 16 | .0508 | .0524 | 2746 |
| 15½ | .0540 | .0560 | 3136 |
| 15 | .0571 | .0587 | 3446 |
| 14½ | .0606 | .0622 | 3869 |
| 14 | .0641 | .0658 | 4330 |
| 13½ | .0681 | .0698 | 4872 |
| 13 | .0720 | .0738 | 5446 |
| 12½ | .0764 | .0783 | 6131 |
| 12 | .0808 | .0827 | 6839 |
| 11½ | .0858 | .0877 | 7691 |
| 11 | .0907 | .0927 | 8593 |
| 10½ | .0963 | .0983 | 9663 |
| 10 | .1019 | .1040 | 10,820 |
| 9 | .1144 | .1166 | 13,600 |
| 8 | .1285 | .1307 | 17,080 |

*Insulation area must be included when calculating CMA for magnet wire terminals.

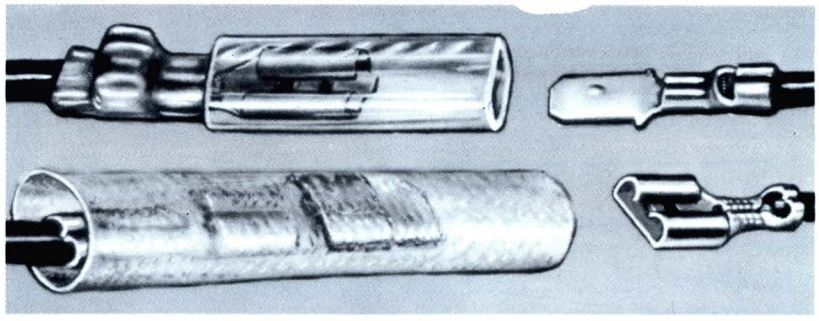
# THE AMP FASTON TERMINAL LINE

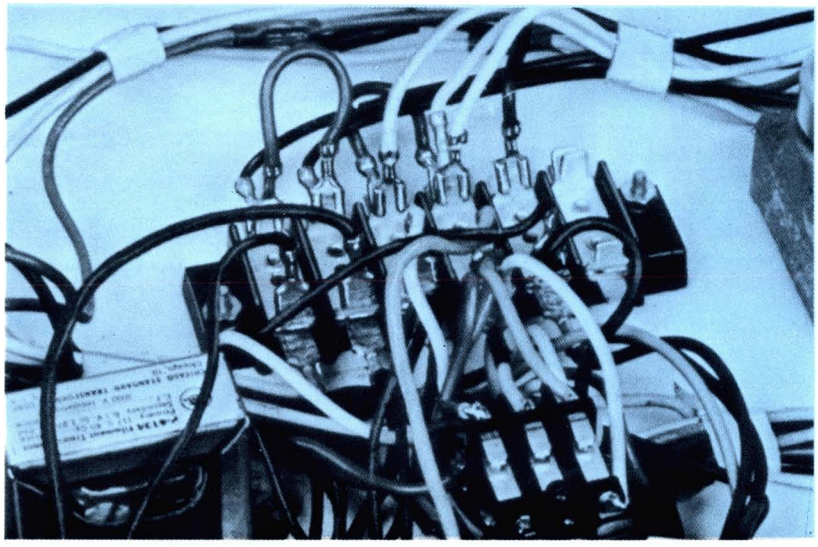


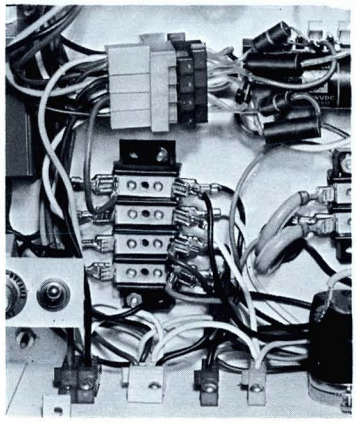



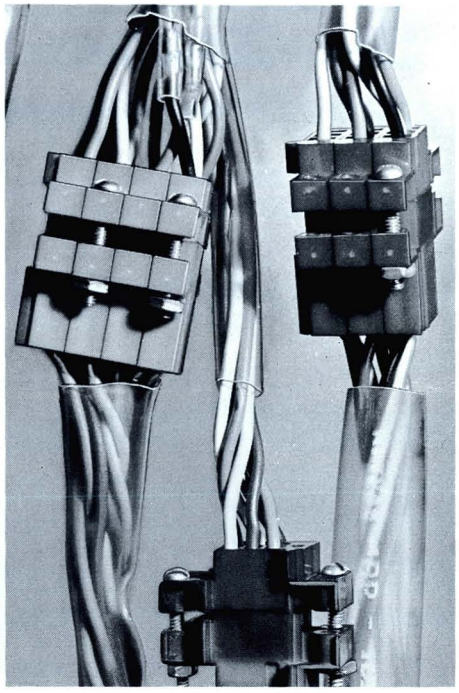
# Speed, reliability, low cost

Speed of application . . . uniform reliability . . . low per-line cost. These advantages have made AMP's FASTON products the number one choice of the appliance and automotive industries. A complete line of application tools has been developed specifically for these terminals. Depending on the machine selected, terminations can be made at rates up to 11,400 per hour. Because crimping dimensions for each terminal are precisely controlled, all connections are identical in performance. Low initial product cost, high application speeds, minimal rejects, and plug-in assembly of the finished termination . . . these features combine to bring the user low overall costs.



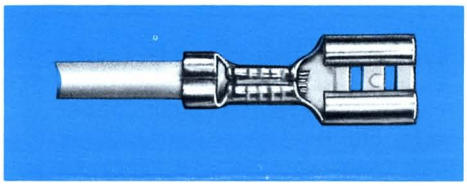


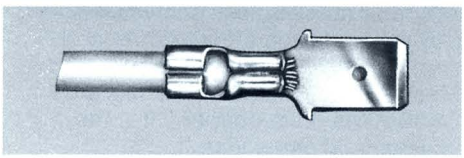


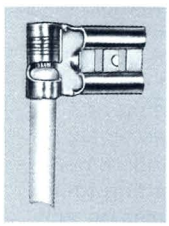


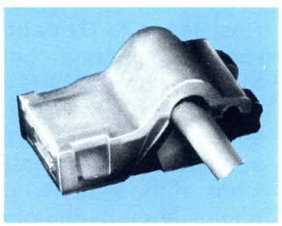
All dimensions in inches.

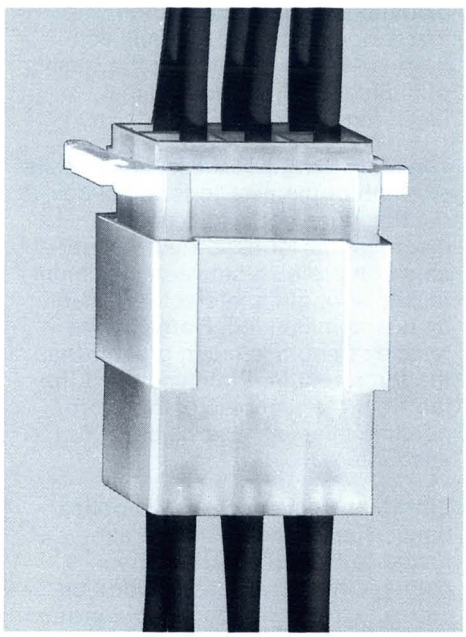
TEFLON — Trademark of E. I. DuPont.

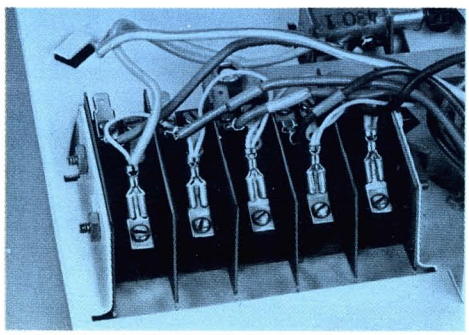












This catalog is designed to provide complete reference information on the FASTON terminal line as it has developed to date. Products are continually being added to the original line — among the most recent, the AMPIP post-insulation pod and moldable insert type terminals. Your production requirements will be our indicator for future FASTON product designs. Address special inquiries to AMP Incorporated, Harrisburg, Pennsylvania.

# AMP FASTON Terminal Line

## Test Specifications

The following information and related graphs are the result of tests conducted in the AMP Testing and Standards Laboratory. Where the term "termination temperature" is used it has reference to the ambient temperature plus the temperature rise of the terminal during normal or overload conditions.

**Operating Temperature Range** — Unplated brass and phosphor bronze terminals may be used at 225° F. maximum operating temperature.

Tin plate on both receptacle and tab assures satisfactory operation as high as 300° F. It also provides protection against corrosion.

Silver plated connections are approved for 325° F., the maximum operating temperature recommended for brass or phosphor bronze material. Higher currents can be achieved using this plating.

For higher termination temperatures, in the range of 300° F. to 650° F., nickel-plated steel receptacles and tabs are recommended. The maximum temperature rise is stable over 3200 hours of cyclic testing these connections when applied to #18 AWG wire carrying 10 amperes. To assure optimum performance, these nickel-plated receptacles are used with compatible lead wires and tabs that can be welded to heating units.

**Temperature Rise and Millivolt Drop** — The temperature rise and millivolt drop characteristics are the lowest in the industry. They exceed all safety requirements and exhibit extreme stability during extended time tests.

An initial temperature rise test of a "250" series straight FASTON terminal indicated a terminal temperature rise of less than 54° F. when using a test current of 15 amps carried by #16 AWG plain copper wire. Fig. I.

This same terminal, in an accelerated 44 hour stability test, showed a 10 millivolt drop after 2 hours and an 11 millivolt drop at the end of the test. The wire used in this test was #16 AWG plain copper wire; the current, 30 amps. Fig. II.

**Resistance to Oxidation and Corrosion** — Intimate contact between the inner barrel walls and conductor surfaces plus their becoming an almost homogeneous mass when subjected to the controlled dimensions of the matched crimping tool results in inhibition of corrosion and oxidation. Long life operation with low temperature and low millivolt drop is further assured by the quality of plating used on the terminal itself. Fig. III.

**Tensile Strength** — Maximum tensile strength of the wire to terminal connection does not insure reliable electrical performance. An acceptable compromise between maximum tensile strength and electrical stability is recommended. Normally the tensile strength is much greater than the force required to disconnect the tab from the receptacle; therefore, no difficulties or hazards are encountered.

**Vibration Resistance** — In applications where conductors are subjected to flexing at termination points, circuit failure is avoided because extreme resistance to vibration is assured through AMP's insulation support. This is most effective, even on conductors with oversize insulation.

## Test Specifications

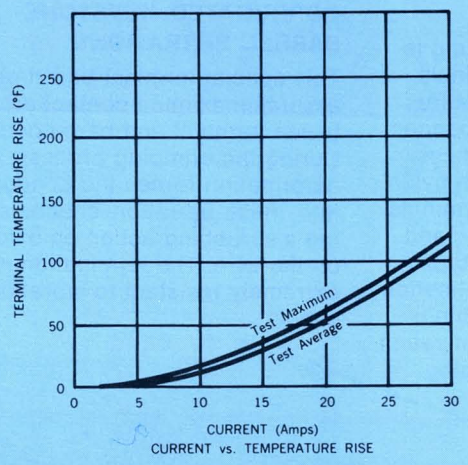



FIG. I

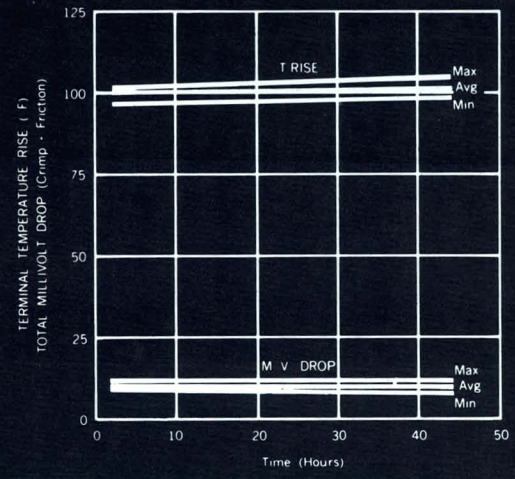



FIG. II

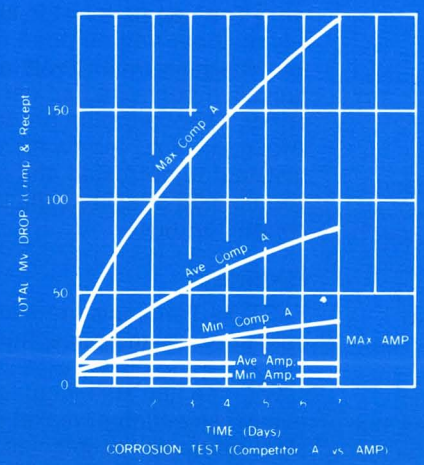



FIG. III

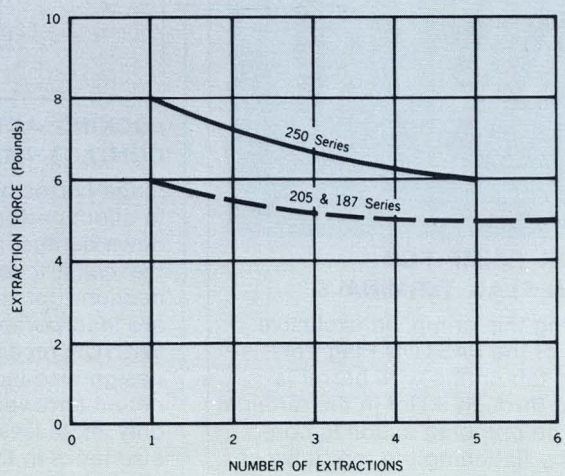
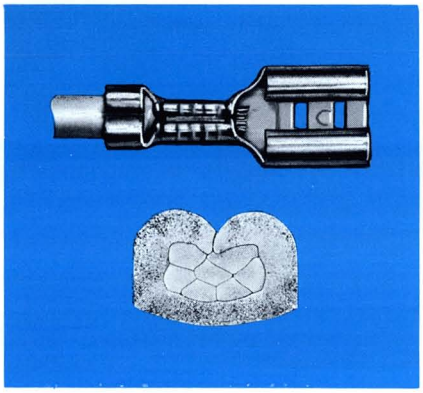


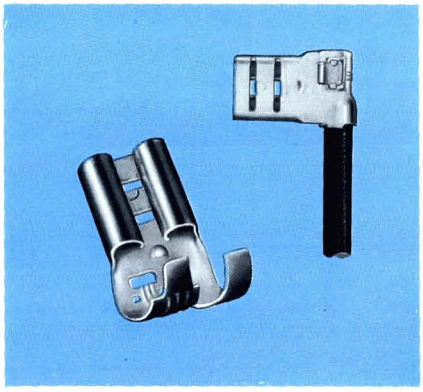

FIG. IV

# AMP FASTON Terminal Line



### THE "F" CRIMP

The standard crimp on all straight and certain flag type FASTON Terminals is the "F" crimp. Experience over widespread segments of the industry has proved this crimp the most effective way of assuring stable electrical and mechanical performance. Applied with match-mated tooling, the "F" crimp offers precise tensile strength and electrical conductivity that will last the life of the circuit with little or no maintenance. This method of termination also assures maximum resistance to vibration and corrosion.

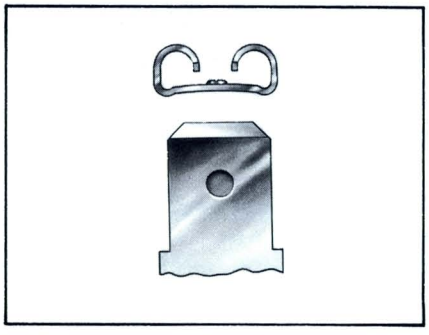


### TAB-LOK CRIMP FOR FASTON FLAG TERMINALS

In making this crimp, an exclusive feature of the FASTON Flag Terminal, a tab on the wire barrel is inserted through a slot in the terminal itself. The crimping action is continued by flattening the tab between two lances which in turn, are locked over the tab. The wire connection is locked in to offer reliable electrical and mechanical performance.

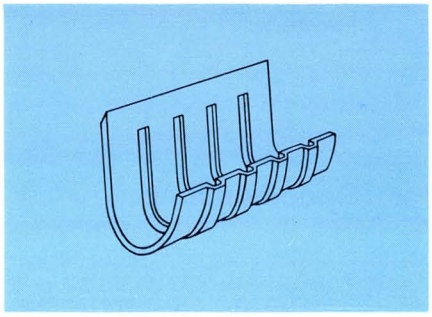
### CONFINED CRIMP

This exceptionally reliable crimp is used on PIDG FASTON Terminals exclusively. The terminals feature vinyl insulation permanently bonded to a copper support sleeve. These sleeves are also available with nylon insulation. PIDG FASTON Terminals are of the straight variety only, and are available in strip form or tape mounted for high speed application with automatic crimping machines, or in loose piece form for application with hand or pneumatic crimping tools.



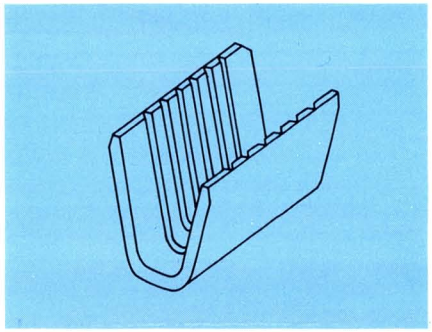
### LOCKING ACTION AND CONTACT AREA

Since corrosion and oxidation tend to affect performance by cutting down contact areas and increasing the constriction resistance of connections, maximum contact areas are incorporated in the design of FASTON receptacles and tabs. The design also includes a dimple — detent and web section which not only increases contact surfaces but also locks in the tab and receptacles at proper insertion depth for firm retention. For typical curves on premier FASTON tabs and receptacles refer to test specifications. Fig. IV.



### CORRUGATED KEYSTONE BARREL SERRATIONS

This special terminal barrel design assures maximum contact area between terminal and bare conductor. During the crimping process, bulk deformation forces the conductor into these serration channels creating a scrubbing action on oxide film on the wire. The termination is also extremely resistant to vibration and shock.



### AMPLIVAR TERMINAL CRIMP

This crimp is designed for reliable, high-speed connection of magnet wire. The conductor(s) is automatically multiple-ring stripped and forced into sharp serrations with a single, precision-controlled solderless crimp. This operation produces a strong, air-tight termination that is as resistant to corrosion and other environmental effects as the insulated conductor itself.

### FINISHES

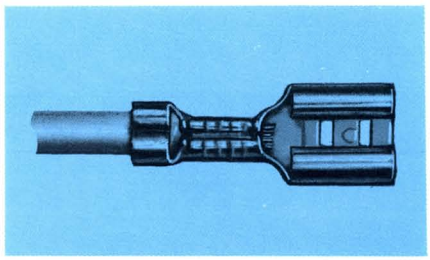
FASTON Terminals are made available in brass and phosphor bronze which can be plated with tin, gold or silver. The line also includes an extensive selection of nickel plated steel tabs and receptacles.

### WIRE RANGE

Full wire size range from #30 AWG through #10 AWG.

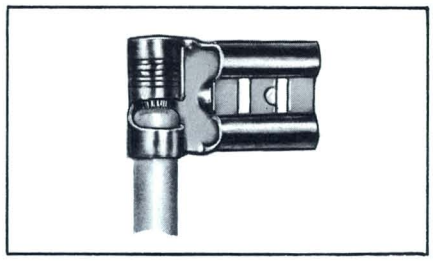
## THE PRODUCTS

The FASTON Line consists of two mating parts — the receptacle and the tab. Receptacles, available in both straight and flag type come in a variety of sizes and are designated numerically by a series number which corresponds to the width of the mating tab. There are four series of both straight-on and flag receptacles — "250," "205," "187" and "110." In the tabular data section of this catalog, receptacles are listed by major categories — Premier, Budget, Economy, Commercial and Moldable lines. Receptacles are listed in these categories according to size.



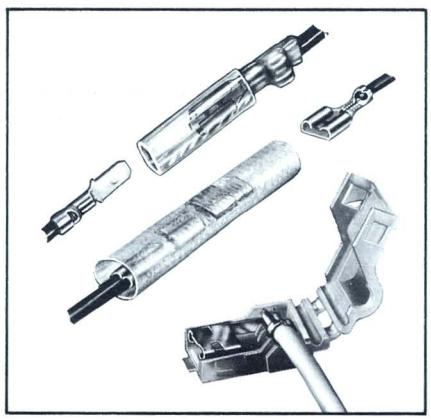
### STRAIGHT RECEPTACLES

Straight receptacles are made with or without insulation support. Insulation diameters of .020 to .275 — the widest range offered in the industry — are accommodated by the insulation support receptacle. Another feature of this type is a step-down insulation support barrel to compensate for insulation thickness to maintain axial alignment of the conductor strands. Over-insertion of shoulderless tabs is prevented by tapering walls at the rear of the receptacle.



### FLAG RECEPTACLE

The Flag Receptacle is an extremely reliable termination for those applications where space is a critical factor. Connection with mating tab is at right angle to axis of conductor. Typical installations include bussing switches in back-splashes of ranges or in similar heavy duty applications. This receptacle design includes a lance-tab stop at its rear to avoid over-insertion of shoulderless tabs.

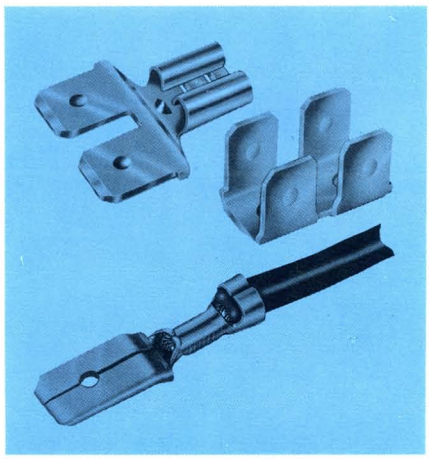


### INSULATING SLEEVES

Translucent plastic insulating sleeves are available for use with FASTON Receptacles to connect to tabs built in as component parts of switches, solenoids, timers and other electrical accessories. A second type is used with line splices. The insulation resists impact and distortion and adds high dielectric strength to the connection. Attachment rates of 1500 per hour can be attained with AMP semi-automatic machinery.

### LINE SPLICE CONNECTIONS

Line splices can be easily accomplished by attaching receptacles to two tabs contained end-to-end in a spring-locked plastic insulating sleeve. FASTON line splices are recognized under the component program of Underwriters Laboratories, Inc.



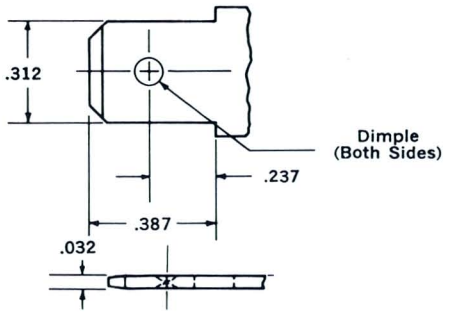
### TABS

Precision made to assure optimum fit with entire range of receptacle sizes — "250," "205," "187" and "110" series.

Tabs are available in double rows with central stud holes. They can be shunted to any length and made either flat or with 45° or 90° bends. The Tab Adaptor is specially designed to mate with "187" series tabs and receptacles. It is used in applications where two receptacle connections are required but only one tab is available. Tab designs also include a tab-on-wire unit which is especially suited for line splices and other special applications. The tab-on-wire includes insulation support and is available in AWG sizes #22 through #14.

# 312
## Series Receptacles

**PREMIER LINE**

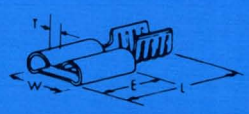

MATING 312 SERIES TAB DIMENSIONS

**INSULATION SUPPORT** **(.312 x .032 tab fit)**

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | T |
|---|---|---|---|---|---|---|---|---|
| 61675-1 | 18-14 | .160 or (2) .110 Max. | .016 | Brass | .357 | .900 | .380 | .120 |
| 62092-1 | 18-14 | .090-.130 | .016 | Brass | .357 | .900 | .380 | .120 |
| 61399-1 | 16-12 | .160 or (2) .130 Max. | .016 | Tin Plated Brass | .357 | .900 | .380 | .120 |
| 61405-1 | 16-12 | .160 or (2) .110 Max. | .016 | Brass | .357 | .900 | .380 | .120 |

# 250
## Series Receptacles

**PREMIER LINE**



### INSULATION SUPPORT (.250 x .032 tab fit)

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | T |
|---|---|---|---|---|---|---|---|---|
| 61368-1 | 24-20 | .030/.070 | .016 | Tin Plated Brass | .300 | .750 | .305 | .090 |
| 42640-1 | 22-18 | .060/.100 | .016 | Brass | .300 | .750 | .305 | .090 |
| 42640-2 | 22-18 | .060/.100 | .016 | Tin Plated Brass | .300 | .750 | .305 | .090 |
| 42640-3 | 22-18 | .060/.100 | .016 | Silver Plated Brass | .300 | .750 | .305 | .090 |
| 41771 | 22-18 | .090/.130 | .016 | Brass | .300 | .750 | .305 | .090 |
| 41772 | 22-18 | .090/.130 | .016 | Tin Plated Brass | .300 | .750 | .305 | .090 |
| 42286-1 | 22-18 | .090/.130 | .016 | Silver Plated Brass | .300 | .750 | .305 | .065 |
| 42286-3 | 22-18 | .090/.130 | .016 | Silver Plated Phos. Bronze | .300 | .750 | .305 | .090 |
| 61375 | 18-14 | .060/.110 | .018 | Tin Plated Brass | .300 | .755 | .305 | .065 |
| 42219-1 | 18-14 | .120/.170 | .016 | Nickel Plated Steel | .300 | .750 | .305 | .065 |
| 41202 | 18-14 | .120/.170 | .018 | Brass | .300 | .755 | .305 | .065 |
| 41274 | 18-14 | .120/.170 | .018 | Tin Plated Brass | .300 | .755 | .305 | .065 |
| 41678 | 18-14 | .120/.170 | .018 | Silver Plated Brass | .300 | .755 | .305 | .065 |
| 41678-1 | 18-14 | .120/.170 | .018 | Silver Plated Phos. Bronze | .300 | .755 | .305 | .065 |
| 61099-1 | 18-14 | .120/.170 | .018 | Tin Plated Phos. Bronze | .300 | .755 | .305 | .065 |
| 42579-1 | 16-12 | .210/.265 | .016 | Nickel Plated Steel | .300 | .830 | .305 | .072 |
| 41727 | 16-12 or (2) 18 | .210/.265 or (2) .120 max. | .018 | Brass | .300 | .820 | .305 | .065 |
| 41727-1 | 16-12 or (2) 18 | .210/.265 or (2) .120 max. | .018 | Silver Plated Brass | .300 | .820 | .305 | .065 |
| 41728 | 16-12 or (2) 18 | .210/.265 or (2) .120 max. | .018 | Tin Plated Brass | .300 | .820 | .305 | .065 |
| 60575-1 | 16-12 or (2) 18 | .210/.265 or (2) .120 max. | .018 | Nickel Plated Steel | .300 | .827 | .305 | .065 |
| 41449 | 14-10 | .150/.200 | .018 | Brass | .300 | .770 | .305 | .065 |
| 41450 | 14-10 | .150/.200 | .018 | Tin Plated Brass | .300 | .770 | .305 | .065 |
| 41679 | 14-10 | .150/.200 | .018 | Silver Plated Brass | .300 | .770 | .305 | .065 |
| 41679-3 | 14-10 | .150/.200 | .018 | Silver Plated Phos. Bronze | .300 | .770 | .305 | .065 |
| 60635-3 | 14-10 or (2) 14 | .225/.275 or (2) .140 max. | .018 | Brass | .300 | .775 | .305 | .065 |
| 60635-1 | 14-10 or (2) 14 | .225/.275 or (2) .140 max. | .018 | Tin Plated Brass | .300 | .775 | .305 | .065 |
| 60635-2 | 14-10 or (2) 14 | .225/.275 or (2) .140 max. | .018 | Silver Plated Brass | .300 | .775 | .305 | .065 |

### NON-INSULATION SUPPORT (.250 x .032 tab fit)

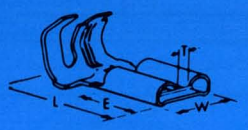
| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | T |
|---|---|---|---|---|---|---|---|---|
| 41143 | 18-14 | — | .018 | Brass | .300 | .655 | .305 | .065 |
| 41143-1 | 18-14 | — | .018 | Nickel Plated Steel | .300 | .655 | .305 | .065 |
| 41194 | 18-14 | — | .018 | Tin Plated Brass | .300 | .655 | .305 | .065 |

### INSULATION PIERCING (.250 x .032 tab fit)

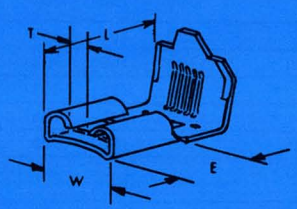
| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | T |
|---|---|---|---|---|---|---|---|---|
| 41088 | 18-14 | .110/.130 | .018 | Brass | .300 | .690 | .305 | .065 |
| 41211 | 18-14 | .110/.130 | .018 | Tin Plated Brass | .300 | .690 | .305 | .065 |
| 41794 | 18-14 | .110/.130 | .018 | Silver Plated Brass | .300 | .690 | .305 | .065 |

# 250
## Series Receptacles

**PREMIER LINE**




A




B


### FLAG INSULATION SUPPORT (.250 x .032 tab fit)

| TERMINAL NUMBER | STYLE | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L MAX. | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 41531 | A | 18-12 | .110/.210 | .018 | Brass | .300 | .670 | .305 | .060 |
| 41532 | A | 18-12 | .110/.210 | .018 | Tin Plated Brass | .300 | .670 | .305 | .060 |
| 42144-1 | A | 18-12 | .110/.210 | .018 | Silver Plated Brass | .300 | .670 | .305 | .060 |
| 42404-1 | A | 18-12 | .110/.210 | .016 | Nickel Plated Steel | .300 | .670 | .305 | .065 |

### FLAG NON-INSULATION SUPPORT (.250 x .032 tab fit)

| TERMINAL NUMBER | STYLE | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L MAX. | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 62021-1‡ | B | 18-12 | — | .018 | Silver Plated Phos. Bronze | .318 | .600 | .305 | .120 |
| 62021-2‡ | B | 18-12 | — | .018 | Brass | .318 | .600 | .305 | .120 |
| 62021-3‡ | B | 18-12 | — | .018 | Tin Plated Brass | .318 | .600 | .305 | .120 |
| 62022-1‡ | B | 12-10 | — | .018 | Silver Plated Phos. Bronze | .318 | .600 | .305 | .120 |

‡Right or left handed. Carrier is in front to facilitate thru splicing.

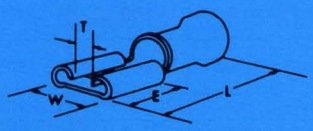
### PIDG PRE-INSULATED RECEPTACLE (.250 x .032 tab fit)

| TERMINAL NUMBER | | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | INSULATION MATERIAL AND COLOR | W | L MAX. | E | T |
|---|---|---|---|---|---|---|---|---|---|---|
| LOOSE PIECE FORM | STRIP FORM | | | | | | | | | |
| 42599-1* | 60366-1 | 22-18 | .135 Max. | .018 | Brass | Vinyl—Red | .300 | .850 | .305 | .065 |
| 42599-2* | 60366-2 | 22-18 | .135 Max. | .018 | Tin Plated Brass | Vinyl—Red | .300 | .850 | .305 | .065 |
| 42599-3 | 60366-3 | 22-18 | .135 Max. | .018 | Silver Plated Brass | Vinyl—Red | .300 | .850 | .305 | .065 |
| 42628-1 | 60448-1 | 22-18 | .135 Max. | .018 | Brass | Nylon—Red | .300 | .850 | .305 | .065 |
| 42628-2* | 60448-2 | 22-18 | .135 Max. | .018 | Tin Plated Brass | Nylon—Red | .300 | .850 | .305 | .065 |
| 61205-1†* | 61204-1† | 22-18 | .135 Max. | .018 | Brass | Vinyl—Red | .300 | .850 | .305 | .065 |
| 61205-2†* | 61204-2† | 22-18 | .135 Max. | .018 | Tin Plated Brass | Vinyl—Red | .300 | .850 | .305 | .065 |
| 61205-3†* | 61204-3† | 22-18 | .135 Max. | .018 | Silver Plated Brass | Vinyl—Red | .300 | .850 | .305 | .065 |
| 42332-1* | 60365-1 | 16-14 | .160 Max. | .018 | Brass | Vinyl—Blue | .300 | .850 | .305 | .065 |
| 42332-2* | 60365-2 | 16-14 | .160 Max. | .018 | Tin Plated Brass | Vinyl—Blue | .300 | .850 | .305 | .065 |
| 60211-1* | 60449-1 | 16-14 | .160 Max. | .018 | Brass | Vinyl—Red | .300 | .850 | .305 | .065 |
| 60211-2* | 60449-2 | 16-14 | .160 Max. | .018 | Tin Plated Brass | Vinyl—Red | .300 | .850 | .305 | .065 |
| 60212-1* | 60450-1 | 16-14 | .160 Max. | .018 | Brass | Vinyl—Black | .300 | .850 | .305 | .065 |
| 60212-2* | 60450-2 | 16-14 | .160 Max. | .018 | Tin Plated Brass | Vinyl—Black | .300 | .850 | .305 | .065 |
| 60213-1* | 60451-1 | 16-14 | .160 Max. | .018 | Brass | Vinyl—White | .300 | .850 | .305 | .065 |
| 60213-2* | 60451-2 | 16-14 | .160 Max. | .018 | Tin Plated Brass | Vinyl—White | .300 | .850 | .305 | .065 |
| 61171-1†* | 61170-1 | 16-14 | .160 Max. | .018 | Brass | Vinyl—Blue | .300 | .850 | .305 | .065 |
| 61171-2†* | 61170-2 | 16-14 | .160 Max. | .018 | Tin Plated Brass | Vinyl—Blue | .300 | .850 | .305 | .065 |
| 61429-1 | 61428-1 | 16-14 | .180 Max. | .018 | Tin Plated Brass | Vinyl—Blue | .300 | .850 | .305 | .065 |
| 42844-1* | 60544-1 | 14-12** | .250 Max. | .018 | Tin Plated Brass | Vinyl—Yellow | .300 | 1.012 | .305 | .065 |
| 42844-2 | 60544-2 | 14-12** | .250 Max. | .018 | Tin Plated Phos. Bronze | Vinyl—Yellow | .300 | 1.012 | .305 | .065 |
| 61198-1* | 61197-1 | 12-10 | .250 Max. | .018 | Tin Plated Brass | Vinyl—Yellow | .300 | 1.012 | .305 | .065 |
| 61198-2 | 611972 | 12-10 | .250 Max. | .018 | Tin Plated Phos. Bronze | Vinyl—Yellow | .300 | 1.012 | .305 | .065 |

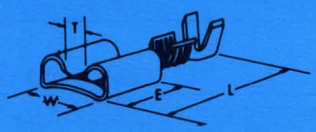
*Available in tape mounted form. †Wire stops in transition area. **Max. wire limited to 6,470 circular mil area.

# 250
## Series Receptacles

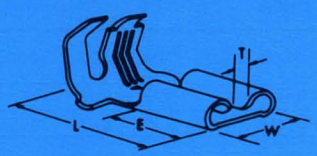
## PREMIER LINE
(continued)



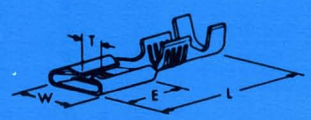

## BUDGET LINE








## ECONOMY LINE




### PLASTI-GRIP INSULATED RECEPTACLE (.250 x .032 tab fit)

| TERMINAL NUMBER | | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | INSULATION MATERIAL AND COLOR | W | L MAX. | E | T |
|---|---|---|---|---|---|---|---|---|---|---|
| LOOSE PIECE FORM | STRIP FORM | | | | | | | | | |
| 350176-1* | 61167-1 | • 22-18 | .135 Max. | .018 | Tin Plated Brass | Vinyl—Red | .300 | .880 | .305 | .065 |
| 485054-2* | 485059-1 | • 16-14 | .170 Max. | .018 | Tin Plated Brass | Vinyl—Blue | .300 | .930 | .305 | .065 |
| 350671-1† | 350670-1† | 16-14 | .170 Max. | .018 | Tin Plated Brass | Vinyl—Blue | .300 | .930 | .305 | .065 |
| 350563-1* | 350562-1 | 12-10 | .250 Max. | .018 | Tin Plated Brass | Vinyl—Yellow | .300 | 1.035 | .305 | .065 |

• Funnel sleeve. *Available in tape mounted form. †.250 x .025 tab fit.

### INSULATION SUPPORT (.250 x .032 tab fit)

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | T |
|---|---|---|---|---|---|---|---|---|
| 42510-1 | 22-18 | .090/.130 | .016 | Brass | .300 | .750 | .305 | .100 |
| 42510-2 | 22-18 | .090/.130 | .016 | Tin Plated Brass | .300 | .750 | .305 | .100 |
| 42400-1 | 18-14 | .120/.170 | .016 | Brass | .300 | .750 | .305 | .100 |
| 42400-2 | 18-14 | .120/.170 | .016 | Tin Plated Brass | .300 | .750 | .305 | .100 |

### NON-INSULATION SUPPORT (.250 x .032 tab fit)

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | T |
|---|---|---|---|---|---|---|---|---|
| 42463-1 | 18-14 | — | .016 | Brass | .300 | .655 | .305 | .100 |
| 42643-2 | 18-14 | — | .016 | Tin Plated Brass | .300 | .655 | .305 | .100 |

### FLAG INSULATION SUPPORT (.250 x .032 tab fit)

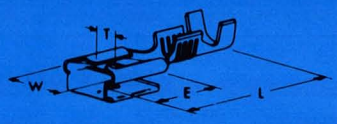
| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L MAX. | E | T |
|---|---|---|---|---|---|---|---|---|
| 42511-1 | 18-12 | .110/.210 | .016 | Brass | .300 | .670 | .305 | .100 |
| 42511-2 | 18-12 | .110/.210 | .016 | Tin Plated Brass | .300 | .670 | .305 | .100 |

### INSULATION SUPPORT (.250 x .032 tab fit)

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | T |
|---|---|---|---|---|---|---|---|---|
| 61202-1 | 26-22 | .040/.060 | .016 | Brass | .300 | .755 | .305 | .110 |
| 61202-2 | 26-22 | .040/.060 | .016 | Tin Plated Brass | .300 | .755 | .305 | .110 |
| 42743-1 | 22-18 | .090/.130 | .016 | Brass | .300 | .755 | .305 | .110 |
| 42743-2 | 22-18 | .090/.130 | .016 | Tin Plated Brass | .300 | .755 | .305 | .110 |
| 42660-1 | 18-14 | .120/.170 | .016 | Brass | .300 | .755 | .305 | .115 |
| 42660-2 | 18-14 | .120/.170 | .016 | Tin Plated Brass | .300 | .755 | .305 | .115 |
| 42692-1 | 18-14 | .150/.210 | .016 | Brass | .300 | .780 | .305 | .115 |
| 42692-2 | 18-14 | .150/.210 | .016 | Tin Plated Brass | .300 | .780 | .305 | .115 |

# 250
## Series Receptacles

## ECONOMY LINE
(continued)



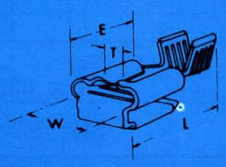

### INSULATION SUPPORT
### (Receptacle and Tab Combination) (.250 x .032 tab fit)

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | T |
|---|---|---|---|---|---|---|---|---|
| 61725-1<br>61988-1* | 22-18 | .060/.100 | .0155 | Brass | .300 | .770 | .305 | .115 |
| 61725-2<br>61988-2* | 22-18 | .060/.100 | .0155 | Tin Plated Brass | .300 | .770 | .305 | .115 |
| 42741-1<br>61944-1* | 18-14 | .120/.170 | .0155 | Brass | .300 | .770 | .305 | .115 |
| 42741-2<br>61944-2* | 18-14 | .120/.170 | .0155 | Tin Plated Brass | .300 | .770 | .305 | .115 |
| 42741-4<br>61944-3* | 18-14 | .120/.170 | .0155 | Pre-Tin Brass | .300 | .770 | .305 | .115 |
| 62109-1 | 18-14 | .120/.170 | .032/.016** | Brass | .300 | .770 | .305 | .125 |
| 62109-2 | 18-14 | .120/.170 | .032/.016** | Tin Plated Brass | .300 | .770 | .305 | .125 |
| 62049-1<br>62253-1* | 14-10 | .150/.200 | .0155 | Brass | .300 | .770 | .305 | .115 |
| 62049-2<br>62253-2* | 14-10 | .150/.200 | .0155 | Tin Plated Brass | .300 | .770 | .305 | .115 |

*Reverse Reel for Miniature Applicator. **Dual thickness.


### NON-INSULATION SUPPORT (.250 x .032 tab fit)

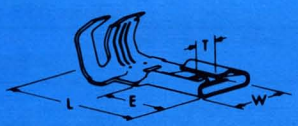
| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | T |
|---|---|---|---|---|---|---|---|---|
| 42845-1 | 18-14 | — | .016 | Brass | .300 | .595 | .305 | .115 |
| 42845-2 | 18-14 | — | .016 | Tin Plated Brass | .300 | .595 | .305 | .115 |




### NON-INSULATION SUPPORT
### (Receptacle and Tab Combination) (.250 x .032 tab fit)

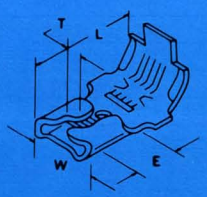
| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | T |
|---|---|---|---|---|---|---|---|---|
| 60879-1<br>62276-1* | 18-14 | — | .0155 | Pre-Tin Brass | .300 | .610 | .305 | .115 |
| 62068-1* | 14-10 | — | .0155 | Pre-Tin Brass | .300 | .610 | .305 | .115 |
| 62400-1 | 14-10 | — | .0155 | Pre-Tin Brass | .300 | .610 | .305 | .115 |

*Reverse Reel for Miniature Applicator.




### FLAG INSULATION SUPPORT (.250 x .032 tab fit)

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L MAX. | E | T |
|---|---|---|---|---|---|---|---|---|
| 42742-1 | 18-12 | .110/.210 | .016 | Brass | .300 | .670 | .305 | .115 |
| 42742-2 | 18-12 | .110/.210 | .016 | Tin Plated Brass | .300 | .670 | .305 | .115 |
| 42742-3 | 18-12 | .110/.210 | .016 | Pre-Tin Brass | .300 | .670 | .305 | .115 |




### FLAG NON-INSULATION SUPPORT (.250 x .032 tab fit)

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L MAX. | E | T |
|---|---|---|---|---|---|---|---|---|
| 61177-1* | 18-12 | — | .016 | Brass | .300 | .670 | .305 | .115 |
| 61177-2* | 18-12 | — | .016 | Pre-Tin Brass | .300 | .670 | .305 | .115 |
| 61177-3** | 18-12 | — | .016 | Pre-Tin Brass | .300 | .670 | .305 | .115 |
| 61177-4* | 18-12 | — | .016 | Silver Plated Brass | .300 | .670 | .305 | .115 |
| 62011-1† | 12-10 or (2) 14 | — | .016 | Brass | .300 | .670 | .305 | .115 |
| 62011-2† | 12-10 or (2) 14 | — | .016 | Tin Plated Brass | .300 | .670 | .305 | .115 |
| 62091-1† | 18-12 | — | .016 | Brass | .300 | .670 | .305 | .115 |
| 62091-2† | 18-12 | — | .016 | Pre-Tin Brass | .300 | .670 | .305 | .115 |

*Right handed flag. **Left handed flag. †Right or left handed. Carrier out front for thru splicing.

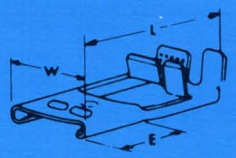
## COMMERCIAL LINE


### INSULATION SUPPORT (.250 x .032 tab fit)

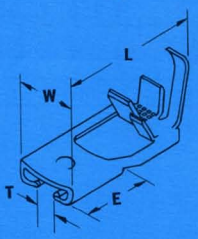
| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | T |
|---|---|---|---|---|---|---|---|---|
| 61230-1 | 24-20 | .040/.060 | .016 | Tin Plated Brass | .290 | .690 | .280 | — |
| 60398-1 | 18-14 | .120/.170 | .016 | Brass | .290 | .690 | .280 | — |
| 60398-2 | 18-14 | .120/.170 | .016 | Tin Plated Brass | .290 | .690 | .280 | — |

# 250
## Series Receptacles

## COMMERCIAL LINE
(continued)



A



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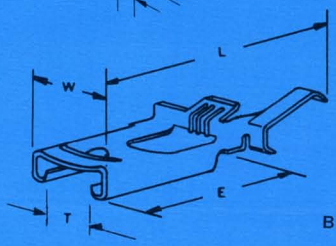

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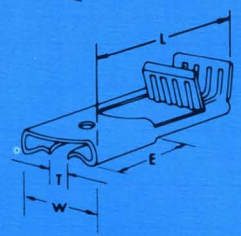
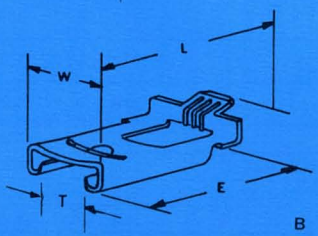
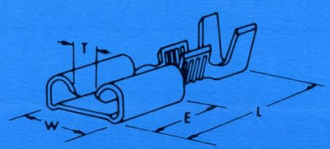


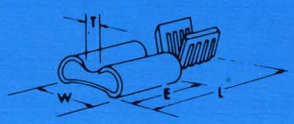
A



B

## MOLDABLE LINE




### FLAG INSULATION SUPPORT (.250 x .032 tab fit)

| TERMINAL NUMBER | STYLE | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 60736-1 | A | 24-20 | .048/.078 | .016 | Brass | .290 | .510 | .225 | — |
| 60736-2 | A | 24-20 | .048/.078 | .016 | Tin Plated Brass | .290 | .510 | .225 | — |
| 60314-1 | A | 22-18 | .090/.130 | .016 | Brass | .290 | .545 | .225 | — |
| 60314-2 | A | 22-18 | .090/.130 | .016 | Tin Plated Brass | .290 | .545 | .225 | — |
| 60290-1 | A | 18-14 | .090/.140 | .016 | Brass | .290 | .545 | .225 | — |
| 60290-2 | A | 18-14 | .090/.140 | .016 | Tin Plated Brass | .290 | .545 | .225 | — |
| 60455-1* | A | 18-14 | .090/.140 | .016 | Brass | .290 | .545 | .225 | — |
| 60455-2* | A | 18-14 | .090/.140 | .016 | Tin Plated Brass | .290 | .545 | .225 | — |
| 60471-1 | A | 18-14 | .140/.190 | .016 | Brass | .290 | .615 | .225 | — |
| 60471-2 | A | 18-14 | .140/.190 | .016 | Tin Plated Brass | .290 | .615 | .225 | — |
| 60472-1* | A | 18-14 | .140/.190 | .016 | Brass | .290 | .615 | .225 | — |
| 60472-2* | A | 18-14 | .140/.190 | .016 | Tin Plated Brass | .290 | .615 | .225 | — |
| 60923-1* | A | 18-14 | .090/.140 | .016 | Brass | .290 | .545 | .225 | — |
| 60923-2* | A | 18-14 | .090/.140 | .016 | Tin Plated Brass | .290 | .545 | .255 | — |
| 61235-1* | A | 18-14 | .090/.140 | .016 | Brass | .300 | .545 | .255 | .063 |
| 61235-2* | A | 18-14 | .090/.140 | .016 | Tin Plated Brass | .300 | .545 | .225 | .063 |
| 62351-1 | C | 18-14 | .110/.170 | .016 | Tin Plated Brass | .300 | .650 | .225 | .063 |
| 62051-1 | B | 18-14 | .110/.170 | .016 | Brass | .295 | .490 | .280 | .170 Min. |
| 62051-2 | B | 18-14 | .110/.170 | .016 | Pre-Tin Brass | .295 | .490 | .280 | .170 Min. |

*No slots.

### FLAG NON-INSULATION SUPPORT (.250 x .032 tab fit)

| TERMINAL NUMBER | STYLE | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 60895-1 | A | 18-14 | — | .018 | Nickel Plated Steel | .300 | .584 | .225 | .065 |
| 60895-2 | A | 18-14 | — | .018 | Brass | .300 | .584 | .225 | .065 |
| 60895-3 | A | 18-14 | — | .018 | Tin Plated Brass | .300 | .584 | .225 | .065 |
| 60960-1 | A | 12-10 Stranded or Solid<br>2 #12 Stranded only<br>2 #14 Stranded or Solid | — | .018 | Nickel Plated Steel | .300 | .610 | .225 | .065 |
| 60960-2 | A | | — | .018 | Brass | .300 | .610 | .225 | .065 |
| 60960-3 | A | | — | .018 | Tin Plated Brass | .300 | .610 | .225 | .065 |
| 62042-1 | B | 18-14 | — | .016 | Brass | .295 | .492 | .280 | .170 Min. |
| 62042-2 | B | 18-14 | — | .016 | Pre-Tin Brass | .295 | .492 | .280 | .170 Min. |

### INSULATION SUPPORT (.250 x .032 tab fit)

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | T |
|---|---|---|---|---|---|---|---|---|
| 60488-1* | 18-14 | .120/.170 | .016 | Brass | .300 | .750 | .305 | .115 |
| 60650-1 | 18-14 | .120/.170 | .016 | Brass | .300 | .750 | .305 | .100 |
| 60650-2 | 18-14 | .120/.170 | .016 | Tin Plated Brass | .300 | .750 | .305 | .100 |

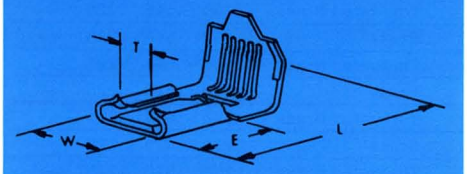
*Economy Receptacle

### NON-INSULATION SUPPORT (.250 x .032 tab fit)

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | T |
|---|---|---|---|---|---|---|---|---|
| 60938-1 | 18-14 | — | .016 | Brass | .300 | .655 | .305 | .100 |

# 250
## Series Receptacles

## MOLDABLE LINE
(continued)


## PREMIER LINE Straight FASTON Receptacles for Hermetic Header Tabs



### FLAG INSULATION SUPPORT (.250 x .032 tab fit)

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L MAX. | E | T |
|---|---|---|---|---|---|---|---|---|
| 60645-1 | 18-12 | .110/.210 | .018 | Brass | .300 | .670 | .305 | .060 |
| 60645-2 | 18-12 | .110/.210 | .018 | Tin Plated Brass | .300 | .670 | .305 | .060 |
| 60641-1 | 18-12 | .110/.210 | .016 | Brass | .300 | .670 | .305 | .100 |
| 60641-2 | 18-12 | .110/.210 | .016 | Tin Plated Brass | .300 | .670 | .305 | .100 |

### FLAG NON-INSULATION SUPPORT (.250 x .032 tab fit)

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | T |
|---|---|---|---|---|---|---|---|---|
| 61999-1 | 18-12 | — | .016 | Brass | .300 | .670 | .305 | .115 |

***Note:** Core pins available from AMP to fit the above terminals.

### INSULATION SUPPORT (.250 x .032 tab fit)

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | T |
|---|---|---|---|---|---|---|---|---|
| 41773 | 18-14 | .120/.170 | .018 | Phos. Bronze** | .318 | .750 | .305 | .120 |
| 41774 | 18-14 | .120/.170 | .018 | Tin Plated Phos. Bronze** | .318 | .750 | .305 | .120 |
| 41775 | 18-14 | .120/.170 | .018 | Silver Plated Phos. Bronze** | .318 | .750 | .305 | .120 |
| 41831 | 18-14 | .120/.170 | .018 | Brass* | .318 | .750 | .305 | .120 |
| 41832 | 18-14 | .120/.170 | .018 | Tin Plated Brass* | .318 | .750 | .305 | .120 |
| 42383-1 | 16-12 or (2) 18 | .210/.265 or (2) .120 Max. | .018 | Phos. Bronze** | .318 | .822 | .305 | .120 |
| 42383-2 | 16-12 or (2) 18 | .210/.265 or (2) .120 Max. | .018 | Tin Plated Phos. Bronze** | .318 | .822 | .305 | .120 |
| 41797 | 16-12 or (2) 18 | .210/.265 or (2) .120 Max. | .018 | Brass* | .318 | .822 | .305 | .120 |
| 41798 | 16-12 or (2) 18 | .210/.265 or (2) .120 Max. | .018 | Tin Plated Brass* | .318 | .822 | .305 | .120 |
| 42437-1 | 14-10 | .150/.200 | .018 | Brass* | .318 | .770 | .305 | .120 |
| 42437-2 | 14-10 | .150/.200 | .018 | Tin Plated Brass* | .318 | .770 | .305 | .120 |
| 42437-3 | 14-10 | .150/.200 | .018 | Silver Plated Brass* | .318 | .770 | .305 | .120 |
| 42437-4 | 14-10 | .150/.200 | .018 | Phos. Bronze** | .318 | .770 | .305 | .120 |
| 42437-5 | 14-10 | .150/.200 | .018 | Tin Plated Phos. Bronze** | .318 | .770 | .305 | .120 |
| 42437-6 | 14-10 | .150/.200 | .018 | Silver Plated Phos. Bronze** | .318 | .770 | .305 | .120 |

*Recommended for external use only. **For internal or external use.

### NON-INSULATION SUPPORT (.250 x .032 tab fit)

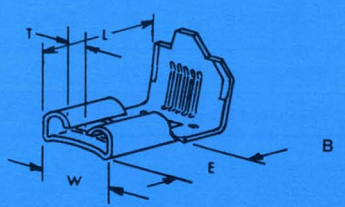
| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | T |
|---|---|---|---|---|---|---|---|---|
| 41795 | 18-14 | — | .018 | Brass* | .318 | .655 | .305 | .120 |
| 41796 | 18-14 | — | .018 | Tin Plated Brass* | .318 | .655 | .305 | .120 |

*Recommended for external use only.

# 250
## Series Receptacles

## Flag FASTON Receptacles for Hermetic Header Tabs


A




B

### FLAG INSUPPORT

| TERMINAL NUMBER | STYLE | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L MAX. | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 41799 | A | 18-12 | .110/.210 | .018 | Phos. Bronze** | .318 | .670 | .305 | .120 |
| 41800 | A | 18-12 | .110/.210 | .018 | Tin Plated Phos. Bronze** | .318 | .670 | .305 | .120 |
| 42041 | A | 18-12 | .110/.210 | .018 | Silver Plated Phos. Bronze** | .318 | .670 | .305 | .120 |
| 41801 | A | 18-12 | .110/.210 | .018 | Brass* | .318 | .670 | .305 | .120 |
| 41802 | A | 18-12 | .110/.210 | .018 | Tin Plated Brass* | .318 | .670 | .305 | .120 |
| 42563-1 | A | 12-10 AWG. lim. to 9,600 CMA Max. | .110/.210 | .018 | Brass* | .318 | .670 | .305 | .120 |
| 42563-2 | A | 12-10 AWG. lim. to 9,600 CMA Max. | .110/.210 | .018 | Tin Plated Brass* | .318 | .670 | .305 | .120 |
| 42563-3 | A | 12-10 AWG. lim. to 9,600 CMA Max. | .110/.210 | .018 | Silver Plated Brass* | .318 | .670 | .305 | .120 |
| 42563-4 | A | 12-10 AWG. lim. to 9,600 CMA Max. | .110/.210 | .018 | Phos. Bronze** | .318 | .670 | .305 | .120 |
| 42563-5 | A | 12-10 AWG. lim. to 9,600 CMA Max. | .110/.210 | .018 | Tin Plated Phos. Bronze** | .318 | .670 | .305 | .120 |
| 42563-7 | A | 12-10 AWG lim. to 9,600 CMA Max. | .110/.210 | .018 | Silver Plated Phos. Bronze** | .318 | .670 | .305 | .120 |
| 42563-6 | A | 12-10 or 6,000-10,600 | .110/.210 | .018 | Silver Plated Phos. Bronze** | .318 | .670 | .305 | .120 |
| 42563-8 | A | 12-10 or 6,000-10,600 | .110/.210 | .018 | Tin Plated Phos. Bronze** | .318 | .670 | .305 | .120 |
| 60274-1*** | A | 18-12 | .110/.210 | .018 | Phos. Bronze | .318 | .670 | .305 | .120 |
| 60274-2*** | A | 18-12 | .110/.210 | .018 | Tin Phos. Bronze | .318 | .670 | .305 | .120 |
| 60274-3*** | A | 18-12 | .110/.210 | .018 | Silver Phos. Bronze | .318 | .670 | .305 | .120 |
| 60274-4*** | A | 18-12 | .110/.210 | .018 | Tin Plated Brass | .318 | .670 | .305 | .120 |
| 60851-1 | A | 12-10 or 6,000-10,600 | .110/.210 | .018 | Tin Plated Brass* | .318 | .670 | .305 | .120 |
| 60851-2 | A | 12-10 or 6,000 or 10,600 | .110/.210 | .018 | Silver Plated Brass* | .318 | .670 | .305 | .120 |

*Recommended for external use only. **For internal or external use.
***Left hand for internal or external. †Reverse Reel.

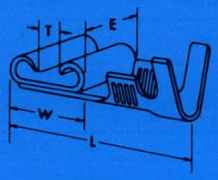
### FLAG NON-INSULATION SUPPORT

| TERMINAL NUMBER | STYLE | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L MAX. | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 62056-1* | B | 18-12 | — | .018 | Phos. Bronze Silver* | .318 | .670 | .305 | .120 |
| 62056-2**† | B | 18-12 | — | .018 | Phos. Bronze Silver** | .318 | .670 | .305 | .120 |
| 62056-3*† | B | 18-12 | — | .018 | Tin Brass | .318 | .670 | .305 | .120 |
| 62056-4** | B | 18-12 | — | .018 | Tin Brass | .318 | .670 | .305 | .120 |
| 62057-1* | B | 12-10 | — | .018 | Silver Plated Phos. Bronze | .318 | .670 | .305 | .120 |
| 62057-3* | B | 12-10 | — | .018 | Tin Plated Brass | .318 | .670 | .305 | .120 |

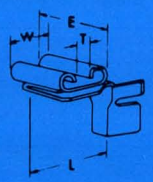
*Right hand **Left hand †Reverse Reel

# 250
## Series Receptacles

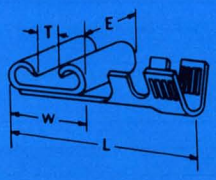
### Reversible Flag FASTON Receptacles




### Reversible Flag FASTON Receptacles for Hermetic Header Tabs




A




B

### AMPLIVAR FASTON Receptacles
**(For use with magnet wire)**


### INSULATION SUPPORT — STRAIGHT END FEED (.250 x .032 tab fit)

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | T |
|---|---|---|---|---|---|---|---|---|
| 60764-1 | 18-14 | .170/.220 | .016 | Brass | .318 | .710 | .305 | .120 |
| 60764-2 | 18-14 | .170/.220 | .016 | Tin Plated Brass | .318 | .710 | .305 | .120 |
| 62014-1 | 18-14 | .150/.190 | .016 | Brass | .318 | .710 | .305 | .120 |
| 62048-1 | 18-14 | .090/.130 | .016 | Brass | .318 | .710 | .305 | .120 |
| 62048-2 | 18-14 | .090/.130 | .016 | Tin Plated Brass | .318 | .710 | .305 | .120 |

### INSULATION SUPPORT — SIDE FEED (.250 x .032 tab fit)

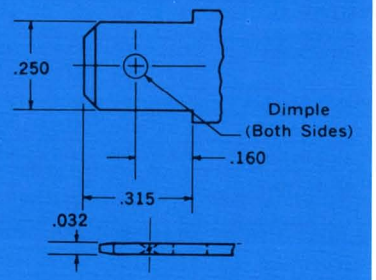
| TERMINAL NUMBER | STYLE | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 60873-1 | A | 16-12 | .130/.170 | .018 | Tin Plated Phos. Bronze** | .318 | .355 | .305 | .120 |
| 60873-2 | A | 16-12 | .130/.170 | .018 | Silver Plated Phos. Bronze** | .318 | .355 | .305 | .120 |
| 61188-1† | B | 16-12 | .130/.170 | .018 | Tin Plated Phos. Bronze** | .318 | .640 | .305 | .120 |
| 61188-2† | B | 16-12 | .130/.170 | .018 | Silver Plated Phos. Bronze** | .318 | .640 | .305 | .120 |
| 61536▪† | B | 12-10 | .200/.300 | .016 | Nickel Plated Steel | .300 | .925 | .305 | .065 |
| 61537▪† | B | 16-12 | .120/.170 | .016 | Nickel Plated Steel | .300 | .640 | .305 | .065 |
| 60886-1† | A | 12-10 | .130/.170 | .018 | Tin Plated Phos. Bronze** | .318 | .355 | .305 | .120 |
| 60886-2† | A | 12-10 | .130/.170 | .018 | Silver Plated Phos. Bronze** | .318 | .355 | .305 | .120 |
| 61187-1† | B | 12-10 | .130/.170 | .018 | Tin Plated Phos. Bronze** | .318 | .680 | .305 | .120 |
| 61187-2† | B | 12-10 | .130/.170 | .018 | Silver Plated Phos. Bronze | .318 | .680 | .305 | .120 |
| 61188-3† | B | 16-12 | .130/.170 | .018 | Tin Plated Brass* | .318 | .640 | .305 | .120 |

*For external use only. **For internal or external use. ▪Not Hermetic. †Bent 180° in applicator.

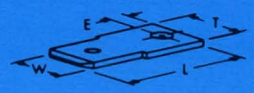
### INSULATION SUPPORT (.250 x .032 tab fit)

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E |
|---|---|---|---|---|---|---|---|
| 60863-1 | 23-19 or 24-26 doubled | .050/.080 or (2) .050 side by side | .016 | Brass | .290 | .755 | .280 |
| 60863-2 | | | .016 | Tin Plated Brass | | | |
| 60384-1 | 20-16 or (2) 23 or (2) 20 | .100/.140 or (2) .060 max. | .016 | Brass | .290 | .690 | .280 |
| 60384-2 | 20-16 or (2) 23 or (2) 20 | .100/.140 or (2) .060 max. | .016 | Tin Plated Brass | .290 | .690 | .280 |
| 60385-1 | 18-14 or (2) 17 | .120/.170 or (2) .080 max. | .016 | Brass | .290 | .690 | .280 |
| 60385-2 | 18-14 or (2) 17 | .120/.170 or (2) .080 max. | .016 | Tin Plated Brass | .290 | .690 | .280 |

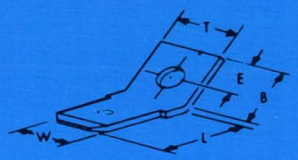
# 250
## Series Tabs



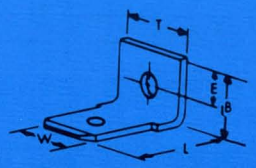

MATING 250 SERIES TAB DIMENSIONS



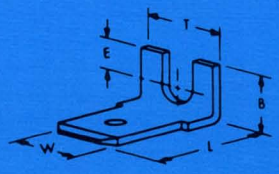

A



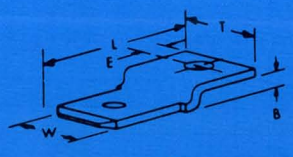

B




C




D



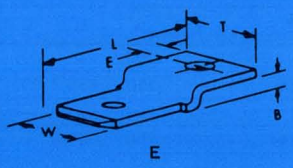

E

### TABS These tabs mate with all "250" Series Faston Receptacles

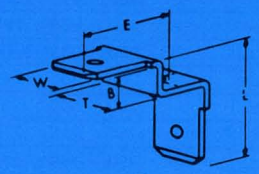
| TERMINAL NUMBER | STYLE | STUD DIAMETER | THICK-NESS | MATERIAL & FINISH | B | W | L | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 41407 | A | .097 | .032 | Brass | — | .250 | .635 | .092 | .295 |
| 41489 | A | .097 | .032 | Tin Plated Brass | — | .250 | .635 | .092 | .295 |
| 41972 | A | None | .032 | Brass | — | .250 | .635 | — | .295 |
| 41973 | A | None | .032 | Tin Plated Brass | — | .250 | .635 | — | .295 |
| 60588-1 | A | .145 | .032 | Brass | — | .250 | .635 | .125 | .295 |
| 42808-1 | A | .177 | .032 | Brass | — | .250 | .635 | .125 | .295 |
| 42808-2 | A | .177 | .032 | Tin Plated Brass | — | .250 | .635 | .125 | .295 |
| 42559-1 | A | None | .032 | Nickel Plated Steel | — | .250 | .635 | — | .295 |
| 42559-3 | A | .177 | .032 | Nickel Plated Steel | — | .250 | .635 | .125 | .295 |
| 61609-1 | A | None | .032 | Nickel Plated Steel | — | .250 | .500 | — | .295 |
| 62102-1 | A | .130 | .032 | Tin Plated Brass | — | .250 | .715 | .170 | .295 |
| 62296-1 | A | .104 | .032 | Tin Plated Brass | — | .250 | .715 | .170 | .295 |
| 61176-1 | B | .110 | .032 | Brass | .250 | .250 | .380 | .092 | .295 |
| 42822-1 | B | .130 | .032 | Brass | .300 | .250 | .400 | .170 | .295 |
| 42822-2 | B | .130 | .032 | Tin Plated Brass | .300 | .250 | .400 | .170 | .295 |
| 42822-3 | B | .130 | .032 | Silver Plated Brass | .300 | .250 | .400 | .170 | .295 |
| 42822-4 | B | .145 | .032 | Tin Plated Brass | .300 | .250 | .400 | .170 | .295 |
| 60297-1 | B | None | .032 | Brass | .300 | .250 | .400 | — | .295 |
| 60297-2 | B | None | .032 | Tin Plated Brass | .300 | .250 | .400 | — | .295 |
| 60465-1 | B | .171 | .032 | Brass | .330 | .250 | .375 | .170 | .295 |
| 60465-2 | B | .171 | .032 | Tin Plated Brass | .330 | .250 | .375 | .170 | .295 |
| 61365-1 | B | .203 | .032 | Tin Plated Brass | .330 | .250 | .375 | .170 | .295 |
| 61321-1 | B** | .130 | .032 | Tin Plated Brass | .245 | .250 | — | .125 | .295 |
| 61499-1 | B | .197 | .032 | Tin Plated Brass | .331 | .250 | .375 | .170 | .295 |
| 61499-2 | B | .197 | .032 | Brass | .331 | .250 | .375 | .170 | .295 |
| 62255-1 | B | .182 | .032 | Tin Plated Brass | .330 | .250 | .375 | .170 | .295 |
| 62238-1 | C | .094 | .032 | Brass | .245 | .250 | .656 | .125 | .280 |
| 41204 | C | .097 | .032 | Tin Plated Brass | .250 | .250 | .440 | .093 | .295 |
| 41339 | C | .097 | .032 | Brass | .250 | .250 | .440 | .093 | .295 |
| 60565-1 | C | .097 | .032 | Silver Plated Brass | .250 | .250 | .440 | .093 | .295 |
| 60871-1 | C | None | .032 | Tin Plated Brass | .250 | .250 | .440 | — | .295 |
| 61570-1 | C | .145 | .032 | Brass | .250 | .250 | .440 | .093 | .295 |
| 61570-2 | C | .145 | .032 | Tin Plated Brass | .250 | .250 | .440 | .093 | .295 |
| 42117-1 | C | .130 | .032 | Brass | .270 | .250 | .440 | .110 | .295 |
| 42117-2 | C | .130 | .032 | Tin Plated Brass | .270 | .250 | .440 | .110 | .295 |
| 42095-0 | C | .130 | .032 | Brass | .330 | .250 | .440 | .170 | .295 |
| 42095-1 | C | .130 | .032 | Tin Plated Brass | .330 | .250 | .440 | .170 | .295 |
| 61973-1 | C | .145 | .032 | Tin Plated Brass | .330 | .250 | .440 | .170 | .295 |
| 61247-1 | C** | .130 | .032 | Brass | .245 | .250 | .415 | .125 | .295 |
| 61247-2 | C** | .130 | .032 | Tin Plated Brass | .245 | .250 | .415 | .125 | .295 |
| 61982 | C | .128 | .032 | Brass | .250 | .250 | .440 | .093 | .295 |
| 42214-1 | C | .171 | .032 | Brass | .330 | .250 | .440 | .170 | .295 |
| 42214-2 | C | .171 | .032 | Tin Plated Brass | .330 | .250 | .440 | .170 | .295 |
| 62314-1 | C | .171 | .032 | Nickel Plated Steel | .343 | .250 | .656 | .125 | .280 |
| 41398 | D | .125 | .032 | Brass | .235 | .250 | .440 | .125 | .295 |
| 41401 | D | .125 | .032 | Tin Plated Brass | .235 | .250 | .440 | .125 | .295 |
| 62166-1 | D | .171 | .032 | Brass | .333 | .250 | .440 | .170 | .295 |
| 42010 | E | .097 | .032 | Brass | .068 | .250 | .615 | .093 | .295 |
| 41347 | E | .097 | .032 | Tin Plated Brass | .068 | .250 | .615 | .093 | .295 |
| 42506-1 | E | .130 | .032 | Brass | .068 | .250 | .615 | .093 | .295 |

*Also available in strip equivalent. **Anti-rotation feature.

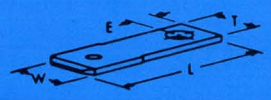
# 250
## Series Tabs



E



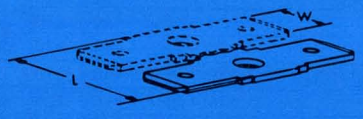
F



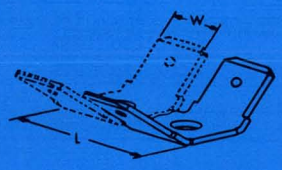
G

H

J



K



L

### TABS These tabs mate with all "250" Series Faston Receptacles

| TERMINAL NUMBER | STYLE | STUD DIAMETER | THICK-NESS | MATERIAL & FINISH | B | W | L | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 42506-2 | E | .130 | .032 | Tin Plated Brass | .068 | .250 | .615 | .093 | .295 |
| 61246-1 | E** | .130 | .032 | Brass | .068 | .250 | .615 | .125 | .295 |
| 61246-2 | E** | .130 | .032 | Tin Plated Brass | .068 | .250 | .615 | .125 | .295 |
| 60145-1 | E | .140 | .032 | Brass | .068 | .250 | .615 | .093 | .295 |
| 60145-2 | E | .140 | .032 | Tin Plated Brass | .068 | .250 | .615 | .093 | .295 |
| 60298-1 | E | None | .032 | Tin Plated Brass | .068 | .250 | .615 | — | .295 |
| 60298-2 | E | None | .032 | Brass | .068 | .250 | .615 | — | .295 |
| 41857 | F | .107 | .032 | Brass | .180 | .250 | .655 | .470 | .317 |
| 41954 | F | .107 | .032 | Tin Plated Brass | .180 | .250 | .655 | .470 | .317 |
| 42042-0 | G | .116 | .032 | Brass | — | .250 | .760 | .125 | .230 |
| 42042-1 | G | .116 | .032 | Tin Plated Brass | — | .250 | .760 | .125 | .230 |
| 61510-1 | G | None | .032 | Nickel Plated Steel | — | .250 | .760 | — | .230 |
| 42102-2* | H | None | .032 | Tin Plated Steel | — | .250 | .375 | .062 | .312 |
| 42102-3* | H | None | .032 | Silver Plated Steel | — | .250 | .375 | .062 | .312 |
| 42102-4* | H | None | .032 | Nickel Plated Steel | — | .250 | .375 | .062 | .312 |

*Also available in strip equivalent. **Anti-rotation feature.

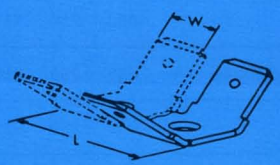
### TABS These tabs mate with all "250" Series Faston Receptacles

| TERMINAL NUMBER | STYLE | STUD DIAMETER | THICK-NESS | MATERIAL & FINISH | B | W | L | C | E | T |
|---|---|---|---|---|---|---|---|---|---|---|
| 41399 | J | .116 | .032 | Brass | .171 | .250 | .250 | .312 | .125 | .230 |
| 41400 | J | .116 | .032 | Tin Plated Brass | .171 | .250 | .250 | .312 | .125 | .230 |
| 42484-1 | J | .135 | .032 | Brass | .171 | .250 | .250 | .312 | .125 | .230 |
| 42484-2 | J | .135 | .032 | Tin Plated Brass | .171 | .250 | .250 | .312 | .125 | .230 |
| 62078-1 | J | .145 | .032 | Tin Plated Brass | .171 | .250 | .250 | .312 | .125 | .230 |

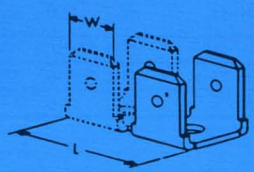
### TABS These tabs mate with all "250" Series Faston Receptacles

| TERMINAL NUMBER | PAIRS | STYLE | STUD DIAMETER | THICK-NESS | MATERIAL & FINISH | W | L |
|---|---|---|---|---|---|---|---|
| 42624-1† | — | K | .097 | .032 | Brass | .250 | — |
| 42624-2† | — | K | .097 | .032 | Tin Plated Brass | .250 | — |
| 42206-1† | — | K | .130 | .032 | Brass | .250 | — |
| 42206-2† | — | K | .130 | .032 | Tin Plated Brass | .250 | — |
| 41284* | 1 | K | .130 | .032 | Brass | .250 | .315 |
| 41285* | 2 | K | .130 | .032 | Brass | .250 | .690 |
| 41286* | 3 | K | .130 | .032 | Brass | .250 | 1.065 |
| 41368* | 4 | K | .130 | .032 | Brass | .250 | 1.440 |
| 41474** | 1 | K | .130 | .032 | Tin Plated Brass | .250 | .315 |
| 41475** | 2 | K | .130 | .032 | Tin Plated Brass | .250 | .690 |
| 41476** | 3 | K | .130 | .032 | Tin Plated Brass | .250 | 1.065 |
| 41483** | 4 | K | .130 | .032 | Tin Plated Brass | .250 | 1.440 |
| 41483-1** | 7 | K | .130 | .032 | Tin Plated Brass | .250 | 2.560 |
| 60223-1 | 1 | K | .130 | .032 | Silver Plated Brass | .250 | .315 |
| 41613 | 1 | K | .171 | .032 | Brass | .250 | .315 |
| 41614 | 2 | K | .171 | .032 | Brass | .250 | .690 |
| 41615 | 3 | K | .171 | .032 | Brass | .250 | 1.065 |
| 41622 | 4 | K | .171 | .032 | Brass | .250 | 1.440 |
| 61349-1 | 1 | K | .187 | .032 | Brass | .250 | .315 |
| 61349-2 | 1 | K | .187 | .032 | Tin Plated Brass | .250 | .315 |
| 61691-1 | 1 | K | .152 | .032 | Brass | .250 | .315 |
| 41287 | 1 | L | .130 | .032 | Brass | .250 | .315 |
| 41288 | 2 | L | .130 | .032 | Brass | .250 | .690 |
| 41289 | 3 | L | .130 | .032 | Brass | .250 | 1.065 |
| 41369 | 4 | L | .130 | .032 | Brass | .250 | 1.440 |
| 41477 | 1 | L | .130 | .032 | Tin Plated Brass | .250 | .315 |
| 41478 | 2 | L | .130 | .032 | Tin Plated Brass | .250 | .690 |

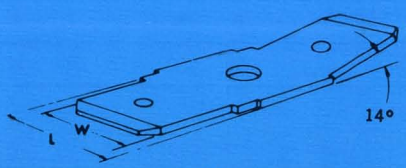
# 250
## Series Tabs




L




M




N

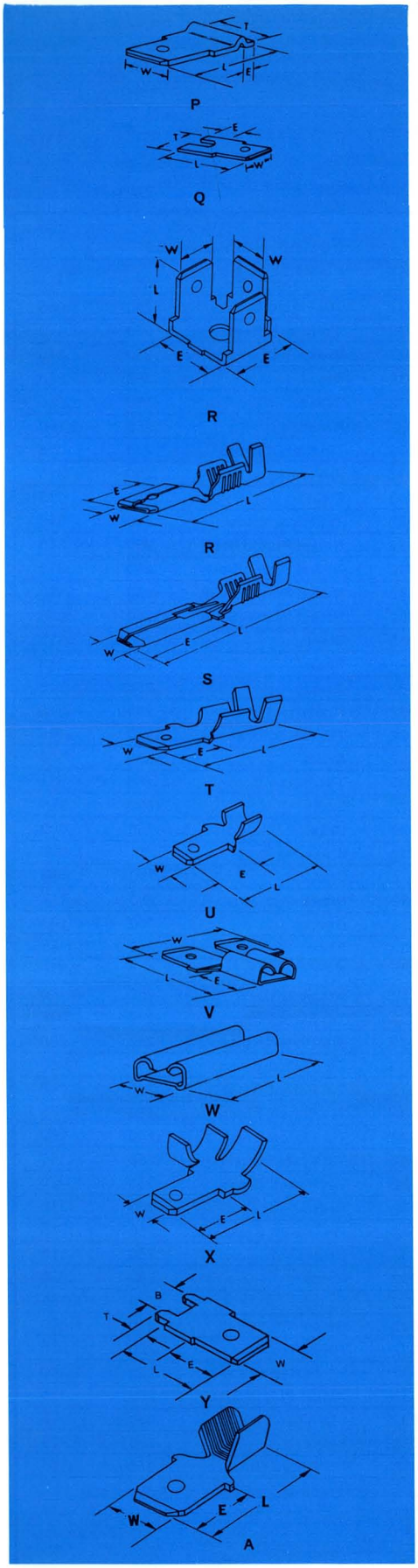
**TABS These tabs mate with all "250" Series Faston Receptacles**

| TERMINAL NUMBER | PAIRS | STYLE | STUD DIAMETER | THICK-NESS | MATERIAL & FINISH | W | L |
|---|---|---|---|---|---|---|---|
| 41479 | 3 | L | .130 | .032 | Tin Plated Brass | .250 | 1.065 |
| 41484 | 4 | L | .130 | .032 | Tin Plated Brass | .250 | 1.440 |
| 41616 | 1 | L | .171 | .032 | Brass | .250 | .315 |
| 41617 | 2 | L | .171 | .032 | Brass | .250 | .690 |
| 41618 | 3 | L | .171 | .032 | Brass | .250 | 1.065 |
| 41623 | 4 | L | .171 | .032 | Brass | .250 | 1.440 |
| 42577-1 | 1 | L | .171 | .032 | Tin Plated Brass | .250 | .315 |
| 41616-1 | 1 | L | .171 | .032 | Silver Plated Brass | .250 | .315 |
| 42784-1 | 1 | L | .130 | .032 | Steel | .250 | .315 |
| 42784-2 | 1 | L | .130 | .032 | Tin Plated Steel | .250 | .315 |
| 42784-3 | 1 | L | .130 | .032 | Nickel Plated Steel | .250 | .315 |
| 42194-1 | 1 | L | .171 | .032 | Nickel Plated Steel | .250 | .315 |
| 42194-2 | 2 | L | .171 | .032 | Nickel Plated Steel | .250 | .690 |
| 42194-3 | 3 | L | .171 | .032 | Nickel Plated Steel | .250 | 1.065 |
| 60134-1 | 1 | L | .171 | .032 | Steel | .250 | .315 |
| 60080-1 | 1 | M | .097 | .032 | Brass | .250 | .315 |
| 62004-1††† | 1 | M | .097 | .032 | Brass | .250 | .315 |
| 62070-1††† | 1 | M | .130 | .032 | Brass | .250 | .315 |
| 62070-2††† | 1 | M | .130 | .032 | Tin Plated Brass | .250 | .315 |
| 60914-1 | 2 | M | .097 | .032 | Brass | .250 | .690 |
| 60080-2 | 1 | M | .097 | .032 | Tin Plated Brass | .250 | .315 |
| 41290 | 1 | M | .130 | .032 | Brass | .250 | .315 |
| 41291 | 2 | M | .130 | .032 | Brass | .250 | .690 |
| 41292 | 3 | M | .130 | .032 | Brass | .250 | 1.065 |
| 41370 | 4 | M | .130 | .032 | Brass | .250 | 1.440 |
| 42114-3 | 5 | M | .130 | .032 | Brass | .250 | 1.815 |
| 42114-5 | 6 | M | .130 | .032 | Brass | .250 | 2.190 |
| 41707 | 7 | M | .130 | .032 | Brass | .250 | 2.565 |
| 41708 | 9 | M | .130 | .032 | Brass | .250 | 3.315 |
| 42114-1 | 12 | M | .130 | .032 | Brass | .250 | 4.440 |
| 41480*** | 1 | M | .130 | .032 | Tin Plated Brass | .250 | .315 |
| 41481*** | 2 | M | .130 | .032 | Tin Plated Brass | .250 | .690 |
| 41482*** | 3 | M | .130 | .032 | Tin Plated Brass | .250 | 1.065 |
| 41485*** | 4 | M | .130 | .032 | Tin Plated Brass | .250 | 1.440 |
| 42115-3*** | 5 | M | .130 | .032 | Tin Plated Brass | .250 | 1.875 |
| 42115-5*** | 6 | M | .130 | .032 | Tin Plated Brass | .250 | 2.190 |
| 42115-1*** | 12 | M | .130 | .032 | Tin Plated Brass | .250 | 4.440 |
| 42115-4† | — | M | .130 | .032 | Tin Plated Brass | .250 | — |
| 60093-1 | 1 | M | .152 | .032 | Brass | .250 | .315 |
| 60093-2 | 1 | M | .152 | .032 | Tin Plated Brass | .250 | .315 |
| 41619 | 1 | M | .171 | .032 | Brass | .250 | .315 |
| 41620 | 2 | M | .171 | .032 | Brass | .250 | .690 |
| 41621 | 3 | M | .171 | .032 | Brass | .250 | 1.065 |
| 41624 | 4 | M | .171 | .032 | Brass | .250 | 1.440 |
| 42802-1 | 1 | M | .171 | .032 | Tin Plated Brass | .250 | .315 |
| 60171-1 | 4 | M | .171 | .032 | Tin Plated Brass | .250 | 1.440 |
| 60624-1 | 1 | M | .060 | .032 | Nickel Plated Steel | .250 | .315 |
| 60624-2 | 1 | M | .060 | .032 | Stainless Steel | .250 | .315 |
| 42478-1 | 1 | N | .130 | .032 | Brass | .250 | .315 |
| 42478-2 | 1 | N | .130 | .032 | Tin Plated Brass | .250 | .315 |

*Also available in continuous strip form — Part No. 42206-1
**Also available in continuous strip form — Part No. 42206-2
***Also available in continuous strip form — Part No. 42115-4

†Continuous strip form. †††Antirotational

# 250
## Series Tabs




### TABS These tabs mate with all "250" Series Faston Receptacles

| TERMINAL NUMBER | STYLE | STUD DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | T |
|---|---|---|---|---|---|---|---|---|
| 60268-1 | P | — | .032 | Nickel Plated Steel | .250 | .630 | .090 | .295 |
| 60268-3 | P | — | .032 | Stainless Steel | .250 | .630 | .090 | .295 |
| 62355-1 | P | — | .032 | Nickel Plated Steel | .250 | .400 | .110 | .295 |
| 60447-1†† | Q | .125 | .032 | Brass | .250 | .620 | .125 | .295 |
| 60447-2†† | Q | .125 | .032 | Steel | .250 | .620 | .125 | .295 |
| 61330-1 | Q | .125 | .032 | Brass | .250 | .790 | .125 | .295 |
| 62261-1 | R | .130 | .032 | Brass | .250 | .425 | .406 | .470 |

††Mechanical test tab for use with AMP gage number 100505.

### WIRE CRIMP TYPE TABS

| TERMINAL NUMBER | STYLE | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | TAB THICK-NESS | W | L | E |
|---|---|---|---|---|---|---|---|---|---|
| 42475-1<br>42475-3** | R | 22-18 | .080/.120 | .0155 | Brass | .032 | .250 | .815 | .370 |
| 42475-2<br>42475-4** | R | 22-18 | .080/.120 | .0155 | Tin Plated Brass | .032 | .250 | .815 | .370 |
| 42474-1<br>42474-3** | R | 18-14 | .110/.150 | .0155 | Brass | .032 | .250 | .810 | .370 |
| 42474-2<br>42474-4** | R | 18-14 | .110/.150 | .0155 | Tin Plated Brass | .032 | .250 | .810 | .370 |
| 60785-1 | S | 18-14 | .120/.160 | .0155 | Tin Plated Brass | .032 | .250 | 1.105 | .620 |
| 41411 | T | 18-14 | .120/.170 | .032 | Brass | .032 | .250 | .775 | .312 |
| 41412 | T | 18-14 | .120/.170 | .032 | Tin Plated Brass | .032 | .250 | .775 | .312 |
| 61531-1 | T | 18-14 | .120/.170 | .032 | Silver Plated Brass | .032 | .250 | .775 | .312 |
| 60175-1* | T | 18-14 | .120/.170 | .032 | Brass | .032 | .250 | .775 | .312 |
| 60175-2* | T | 18-14 | .120/.170 | .032 | Tin Plated Brass | .032 | .250 | .775 | .312 |
| 61362-1<br>61281-2** | R | 14-12 | .110/.170 | .0155 | Brass | .032 | .250 | .810 | .370 |
| 61362-2<br>61281-1** | R | 14-12 | .110/.170 | .0155 | Silver Plated Brass | .032 | .250 | .810 | .370 |
| 61362-3<br>61281-3** | R | 14-12 | .110/.170 | .0155 | Tin Plated Brass | .032 | .250 | .810 | .370 |
| 61367-1 | U | 18-14 | — | .032 | Brass | .032 | .250 | .590 | .312 |
| 61367-2 | U | 18-14 | — | .032 | Nickel Plated Steel | .032 | .250 | .590 | .312 |
| 61367-3 | U | 18-14 | — | .032 | Tin Plated Brass | .032 | .250 | .590 | .312 |

*Hole in tab. **Reeled for Miniature Applicator.

### FASTON TAB ADAPTORS

| TERMINAL NUMBER | STYLE | RECT. FITS TAB | DUAL THICKNESS | MATERIAL & FINISH | W | L | E |
|---|---|---|---|---|---|---|---|
| 61765-1 | V | .032 | .018 x .032 | Brass | .650 | .770 | .312 |
| 61765-2 | V | .032 | .018 x .032 | Tin Plated Brass | .650 | .770 | .312 |
| 61810-1 | W | .032 | — | Brass | .300 | .700 | — |
| 61810-2 | W | .032 | — | Tin Plated Brass | .300 | .700 | — |

### FLAG TABS

| TERMINAL NUMBER | STYLE | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | TAB THICK-NESS | W | L | E |
|---|---|---|---|---|---|---|---|---|---|
| 42770-1 | X | 18-14 | .080/.120 | .032 | Brass | .032 | .250 | .600 | .312 |
| 42770-2 | X | 18-14 | .080/.120 | .032 | Tin Plated Brass | .032 | .250 | .600 | .312 |
| 42771-1 | X | 18-14 | .120/.160 | .032 | Brass | .032 | .250 | .600 | .312 |
| 42771-2 | X | 18-14 | .120/.160 | .032 | Tin Plated Brass | .032 | .250 | .600 | .312 |

### PRINTED CIRCUIT BOARD TAB

| TERMINAL NUMBER | STYLE | STOCK THICKNESS | MATERIAL & FINISH | BOARD HOLE SIZE | B | W | L | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 61409-1* | Y | .032 | Tin Plated Brass | $.055^{\pm.002}$ on $.200^{\pm.003}$ Centers | .200 | .250 | .622 | .312 | .125 |

*Loose piece only.

### AMPLIVAR FASTON TAB

| TERMINAL NUMBER | STYLE | WIRE SIZE | STOCK THICKNESS | MATERIAL & FINISH | TAB THICKNESS | W | L | E |
|---|---|---|---|---|---|---|---|---|
| 62413-1 | A | 14-12 | .032 | Tin Plated Brass | .032 | .250 | .630 | .310 |

# 205
## Series Receptacles

**PREMIER LINE**


### INSULATION SUPPORT

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L | E | T | FITS TAB TYPE |
|---|---|---|---|---|---|---|---|---|---|---|
| 60674-1 | 26-22 | .050/.070 | .012 | Tin Plated Brass | .020 | .250 | .620 | .250 | .050 | A |
| 61511-1 | 22-18 | .050/.080 | .016 | Brass | .032 | .250 | .615 | .250 | .025 | A |
| 61511-2 | 22-18 | .050/.080 | .016 | Tin Plated Brass | .032 | .250 | .615 | .250 | .025 | A |
| 42198-1 | 22-18 | .085/.125 | .012 | Brass | .020 | .250 | .615 | .250 | .050 | A |
| 42198-2 | 22-18 | .085/.125 | .012 | Tin Plated Brass | .020 | .250 | .615 | .250 | .050 | A |
| 42198-8 | 22-18 | .085/.125 | .012 | Tin Phos. Bronze | .020 | .250 | .615 | .250 | .050 | A |
| 42680-1* | 22-18 | .085/.125 | .016 | Brass | .020 | .250 | .615 | .250 | .025 | A |
| 42680-2* | 22-18 | .085/.125 | .016 | Tin Plated Brass | .020 | .250 | .615 | .250 | .025 | A |
| 42299-1 | 22-18 | .085/.125 | .012 | Brass | .032 | .250 | .615 | .250 | .050 | A |
| 42299-2 | 22-18 | .085/.125 | .012 | Tin Plated Brass | .032 | .250 | .615 | .250 | .050 | A |
| 42310-1* | 22-18 | .085/.125 | .012 | Brass | .032 | .250 | .615 | .250 | .025 | B |
| 42310-2* | 22-18 | .085/.125 | .012 | Tin Plated Brass | .032 | .250 | .615 | .250 | .025 | B |
| 60221-1 | 22-18 | .085/.125 | .016 | Phos. Bronze | .032 | .250 | .615 | .250 | .025 | A |
| 60221-2 | 22-18 | .085/.125 | .016 | Tin Plated Phos. Bronze | .032 | .250 | .615 | .250 | .025 | A |
| 42244-1 | 22-18 | .085/.125 | .016 | Brass | .032 | .250 | .615 | .250 | .025 | A |
| 42244-2 | 22-18 | .085/.125 | .016 | Tin Plated Brass | .032 | .250 | .615 | .250 | .025 | A |
| 42244-3 | 22-18 | .085/.125 | .016 | Silver Plated Brass | .032 | .250 | .615 | .250 | .025 | A |
| 42244-4 | 22-18 | .085/.125 | .016 | Gold Plated Brass | .032 | .250 | .615 | .250 | .025 | A |
| 42432-1 | 18-14 | .130/.180 | .012 | Brass | .020 | .250 | .615 | .250 | .025 | A |
| 42432-2 | 18-14 | .130/.180 | .012 | Tin Plated Brass | .020 | .250 | .615 | .250 | .025 | A |
| 42432-3 | 18-14 | .130/.180 | .012 | Silver Plated Brass | .020 | .250 | .615 | .250 | .025 | A |
| 42781-1 | 18-14 | .130/.180 | .016 | Brass | .020 | .250 | .615 | .250 | .025 | A |
| 42781-2 | 18-14 | .130/.180 | .016 | Tin Plated Brass | .020 | .250 | .615 | .250 | .025 | A |
| 42433-1 | 18-14 | .130/.180 | .012 | Brass | .032 | .250 | .615 | .250 | .050 | A |
| 42433-2 | 18-14 | .130/.180 | .012 | Tin Plated Brass | .032 | .250 | .615 | .250 | .050 | A |
| 42433-3 | 18-14 | .130/.180 | .012 | Silver Plated Brass | .032 | .250 | .615 | .250 | .050 | A |
| 42233-1 | 18-14 | .130/.180 | .016 | Brass | .032 | .250 | .615 | .250 | .025 | A |
| 42233-2 | 18-14 | .130/.180 | .016 | Tin Plated Brass | .032 | .250 | .615 | .250 | .025 | A |
| 42233-6 | 18-14 | .130/.180 | .016 | Silver Plated Phos. Bronze | .032 | .250 | .615 | .250 | .025 | A |
| 42435-1* | 18-14 | .130/.180 | .016 | Brass | .032 | .250 | .615 | .250 | .025 | B |
| 42435-2* | 18-14 | .130/.180 | .016 | Tin Plated Brass | .032 | .250 | .615 | .250 | .025 | B |
| 61925-1* | 18-14 | .130/.180 | .012 | Brass | .032 | .250 | .615 | .250 | .050 | B |

*No slots.


### NON-INSULATION SUPPORT

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L | E | T | FITS TAB TYPE |
|---|---|---|---|---|---|---|---|---|---|---|
| 42197-1* | 22-18 | — | .012 | Brass | .020 | .250 | .470 | .250 | .025 | A |
| 42197-2* | 22-18 | — | .012 | Tin Plated Brass | .020 | .250 | .470 | .250 | .025 | A |
| 42298-1* | 22-18 | — | .012 | Brass | .032 | .250 | .470 | .250 | .025 | A |
| 42298-2* | 22-18 | — | .012 | Tin Plated Brass | .032 | .250 | .470 | .250 | .025 | A |
| 42245-1* | 22-18 | — | .016 | Brass | .032 | .255 | .470 | .250 | .025 | A |
| 42245-2* | 22-18 | — | .016 | Tin Plated Brass | .032 | .255 | .470 | .250 | .025 | A |
| 42245-3* | 22-18 | — | .016 | Silver Plated Brass | .032 | .255 | .470 | .250 | .025 | A |
| 41959* | 22-18 | — | .016 | Brass | .032 | .255 | .470 | .250 | .025 | B |
| 42250-1* | 22-18 | — | .016 | Tin Plated Brass | .032 | .255 | .470 | .250 | .025 | B |
| 42250-2* | 22-18 | — | .016 | Silver Plated Brass | .032 | .255 | .470 | .250 | .025 | B |

*No slots.

# 205
## Series Receptacles

**PREMIER LINE**


### NON-INSULATION SUPPORT (continued)

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L | E | T | FITS TAB TYPE |
|---|---|---|---|---|---|---|---|---|---|---|
| 42258-1* | 18-14 | — | .012 | Brass | .020 | .250 | .470 | .250 | .020 | A |
| 42258-2* | 18-14 | — | .012 | Tin Plated Brass | .020 | .250 | .470 | .250 | .020 | A |
| 41779* | 18-14 | — | .016 | Brass | .032 | .255 | .470 | .250 | .025 | B |
| 41509* | 18-14 | — | .016 | Tin Plated Brass | .032 | .255 | .470 | .250 | .025 | B |
| 41687* | 18-14 | — | .016 | Silver Plated Brass | .032 | .255 | .470 | .250 | .025 | B |
| 42239-1 | 18-14 | — | .016 | Brass | .032 | .255 | .470 | .250 | .025 | A |
| 42239-2 | 18-14 | — | .016 | Tin Plated Brass | .032 | .255 | .470 | .250 | .025 | A |
| 42239-3 | 18-14 | — | .016 | Silver Plated Brass | .032 | .255 | .470 | .250 | .025 | A |

*No slots.


### FLAG INSULATION SUPPORT

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L MAX. | E | T | FITS TAB TYPE |
|---|---|---|---|---|---|---|---|---|---|---|
| 42199-1 | 20-16 | .110/.170 | .012 | Brass | .020 | .250 | .530 | .250 | .055 | A |
| 42199-2 | 20-16 | .110/.170 | .012 | Tin Plated Brass | .020 | .250 | .530 | .250 | .055 | A |
| 42458-1* | 20-14 | .110/.170 | .012 | Brass | .020 | .250 | .530 | .250 | .025 | B |
| 42458-2* | 20-14 | .110/.170 | .012 | Tin Plated Brass | .020 | .250 | .530 | .250 | .025 | B |
| 62354-1 | 20-14 | .110/.170 | .016 | Tin Plated Brass | .020 | .250 | .530 | .250 | .025 | A |
| 60643-1 | 20-14 | .110/.170 | .016 | Brass | .028 | .250 | .530 | .250 | .025 | A |
| 42234-1 | 20-14 | .110/.170 | .016 | Brass | .032 | .250 | .530 | .250 | .025 | A |
| 42234-2 | 20-14 | .110/.170 | .016 | Tin Plated Brass | .032 | .250 | .530 | .250 | .025 | A |
| 42234-3 | 20-14 | .110/.170 | .016 | Silver Plated Brass | .032 | .250 | .530 | .250 | .025 | A |
| 42459-1* | 20-14 | .110/.170 | .016 | Brass | .032 | .250 | .530 | .250 | .025 | B |
| 42459-2* | 20-14 | .110/.170 | .016 | Tin Plated Brass | .032 | .250 | .530 | .250 | .025 | B |

*No slots.

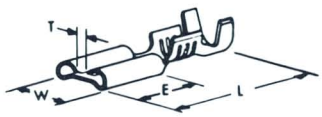

### PIDG PRE-INSULATED RECEPTACLES

| TERMINAL NUMBER | | WIRE SIZE | INSUL. DIA. | STOCK THICK-NESS | MATERIAL & FINISH | INSUL. MATERIAL COLOR | FITS TABS | W | L MAX. | E | T | FITS TAB TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOOSE PIECE FORM | STRIP FORM | | | | | | | | | | | |
| — | 60816-1 | 22-18 | .135 max. | .016 | Brass | Vinyl-Red | .020 | .250 | .756 | .250 | .025 | A |
| 42888-1* | 60816-2 | 22-18 | .135 max. | .016 | Tin Plated Brass | Vinyl-Red | .020 | .250 | .756 | .250 | .025 | A |
| — | 60817-1 | 22-18 | .135 max. | .016 | Brass | Vinyl-Red | .032 | .250 | .756 | .250 | .025 | A |
| 60023-1* | 60817-2 | 22-18 | .135 max. | .016 | Tin Plated Brass | Vinyl-Red | .032 | .250 | .756 | .250 | .025 | A |
| 42747-1* | 60819-1 | 16-14 | .160 max. | .016 | Brass | Vinyl-Blue | .020 | .250 | .756 | .250 | .025 | A |
| 42747-2* | 60819-2 | 16-14 | .160 max. | .016 | Tin Plated Brass | Vinyl-Blue | .020 | .250 | .756 | .250 | .025 | A |
| 42727-1 | 60818-1 | 16-14 | .160 max. | .016 | Brass | Vinyl-Blue | .020 | .250 | .756 | .250 | .025 | A |
| 42727-2* | 60818-2 | 16-14 | .160 max. | .016 | Tin Plated Brass | Vinyl-Blue | .020 | .250 | .756 | .250 | .025 | A |
| 350731-1 | 350730-1 | 22-18 | .135 max. | .016 | Tin Plated Brass | Vinyl-Blue | .020 | .250 | .756 | .250 | .025 | A |

*Available in tape mounted form.

# 205
## Series Receptacles

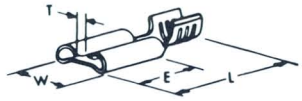
## ECONOMY LINE




### INSULATION SUPPORT

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L | E | T | FITS TAB TYPE |
|---|---|---|---|---|---|---|---|---|---|---|
| 62275-1 | 26-22 | .050/.090 | .012 | Tin Plated Brass | .020 | .250 | .616 | .250 | .050 | A |
| 42710-1 | 22-18 | .085/.125 | .012 | Brass | .020 | .250 | .615 | .250 | .050 | A |
| 42710-2 | 22-18 | .085/.125 | .012 | Tin Plated Brass | .020 | .250 | .615 | .250 | .050 | A |
| 60904-1 | 22-18 | .085/.125 | .012 | Brass | .032 | .250 | .615 | .250 | .050 | A |
| 60904-2 | 22-18 | .085/.125 | .012 | Tin Plated Brass | .032 | .250 | .615 | .250 | .050 | A |
| 61050-1* | 22-18 | .085/.125 | .012 | Tin Plated Brass | .020 | .250 | .615 | .250 | .050 | A |
| 61426-1 | 22-18 | .085/.125 | .012 | Brass | .032 | .250 | .615 | .250 | .050 | B |
| 42713-1 | 18-14 | .130/.180 | .012 | Brass | .020 | .250 | .615 | .250 | .050 | A |
| 42713-2 | 18-14 | .130/.180 | .012 | Tin Plated Brass | .020 | .250 | .615 | .250 | .050 | A |
| 60523-1 | 18-14 | .130/.180 | .012 | Brass | .032 | .250 | .615 | .250 | .050 | A |
| 60523-2 | 18-14 | .130/.180 | .012 | Tin Plated Brass | .032 | .250 | .615 | .250 | .050 | A |
| 61638-1 | 18-14 | .130/.180 | .012 | Brass | .032 | .250 | .615 | .250 | .050 | B |
| 61639-1 | 18-14 | .130/.180 | .012 | Brass | .028 | .250 | .615 | .250 | .050 | B |

*No slots.




### NON-INSULATION SUPPORT

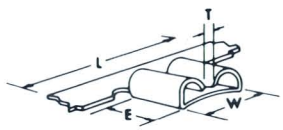
| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L | E | T | FITS TAB TYPE |
|---|---|---|---|---|---|---|---|---|---|---|
| 42709-1* | 22-18 | — | .012 | Brass | .020 | .250 | .470 | .250 | .060 | A |
| 42709-2* | 22-18 | — | .012 | Tin Plated Brass | .020 | .250 | .470 | .250 | .060 | A |
| 60205-1* | 22-18 | — | .012 | Brass | .032 | .250 | .470 | .250 | .060 | B |
| 60205-2* | 22-18 | — | .012 | Tin Plated Brass | .032 | .250 | .470 | .250 | .060 | B |
| 42712-1* | 18-14 | — | .012 | Brass | .020 | .250 | .470 | .250 | .018 | A |
| 42712-2* | 18-14 | — | .012 | Tin Plated Brass | .020 | .250 | .470 | .250 | .018 | A |
| 42712-3* | 18-14 | — | .012 | Brass | .032 | .250 | .470 | .250 | .018 | A |
| 42712-4* | 18-14 | — | .012 | Tin Plated Brass | .032 | .250 | .470 | .250 | .018 | A |

*No slots.


### FLAG INSULATION SUPPORT

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L MAX. | E | T | FITS TAB TYPE |
|---|---|---|---|---|---|---|---|---|---|---|
| 42711-1 | 20-16 | .110/.170 | .012 | Brass | .020 | .250 | .530 | .250 | .055 | A |
| 42711-2 | 20-16 | .110/.170 | .012 | Tin Plated Brass | .020 | .250 | .530 | .250 | .055 | A |
| 42809-1 | 20-16 | .110/.170 | .012 | Brass | .032 | .250 | .530 | .250 | .055 | A |
| 42809-2 | 20-16 | .110/.170 | .012 | Tin Plated Brass | .032 | .250 | .530 | .250 | .055 | A |
| 61693-1* | 20-16 | .110/.170 | .016 | Brass | .032 | .250 | .530 | .250 | .055 | A |
| 60195-1 | 20-14 | .110/.170 | .016 | Brass | .032 | .250 | .530 | .250 | .025 | A |
| 60195-2 | 20-14 | .110/.170 | .016 | Tin Plated Brass | .032 | .250 | .530 | .250 | .025 | A |

*No slots.

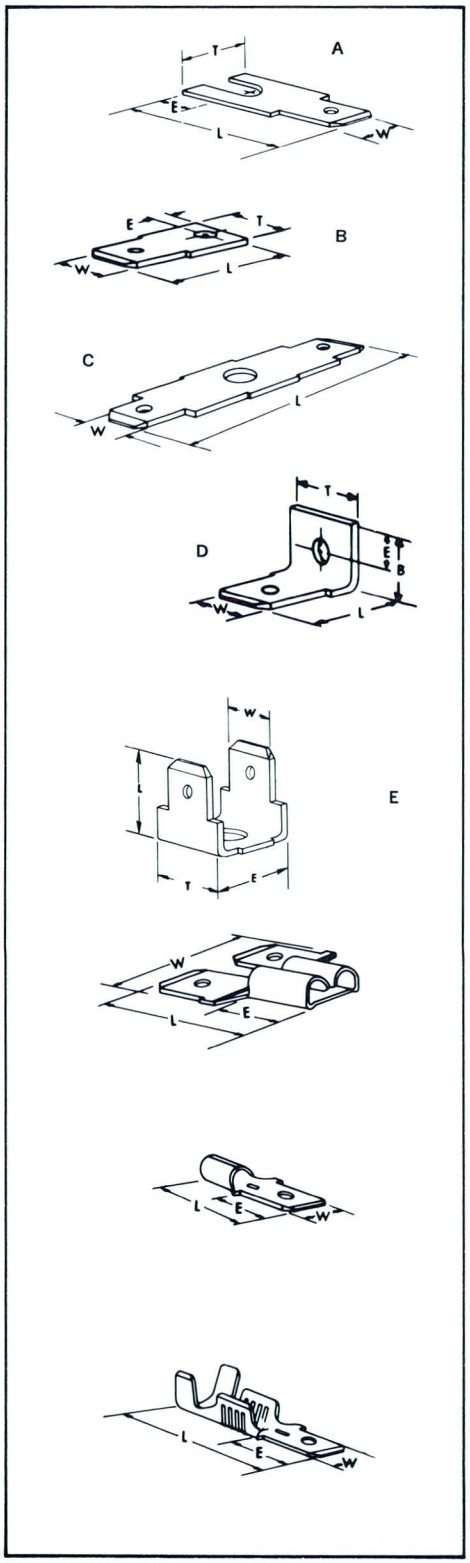


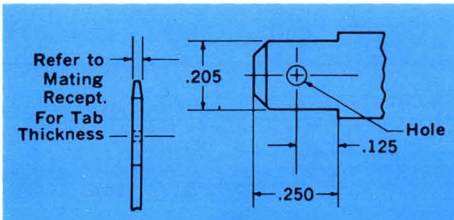

### BUSSING RECEPTACLES

| TERMINAL NUMBER | STOCK THICKNESS | NO. RECEIPT ON STRIP | MATERIAL & FINISH | FITS TAB | W | L | E | T |
|---|---|---|---|---|---|---|---|---|
| 60185-1 | .016 | 6 | Brass | .205 x .032 | .277 | 7.655 | .255 | .055 |
| 60185-2 | .016 | 6 | Gold Plated Brass | .205 x .032 | .277 | 7.655 | .255 | .055 |
| 60186-1 | .016 | 14 | Brass | .205 x .032 | .277 | 19.905 | .255 | .055 |
| 60186-2 | .016 | 14 | Gold Plated Brass | .205 x .032 | .277 | 19.905 | .255 | .055 |
| 42201-1 | .016 | 16 | Brass | .205 x .032 | .277 | 22.965 | .255 | .055 |
| 42201-2 | .016 | 16 | Tin Plated Brass | .205 x .032 | .277 | 22.965 | .255 | .055 |
| 42201-3 | .016 | 16 | Gold Plated Brass | .205 x .032 | .277 | 22.965 | .255 | .055 |

Also available as a continuous strip.

# 205
## Series Tabs




MATING 205 SERIES TAB DIMENSIONS

### TABS

| TERMINAL NUMBER | PAIRS | STYLE | HOLE DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | B | W | L | E | T |
|---|---|---|---|---|---|---|---|---|---|---|
| 60613-1* | — | A | .125 | .020 | Brass | — | .205 | .605 | .120 | .295 |
| 60613-2* | — | A | .125 | .032 | Brass | — | .205 | .605 | .120 | .295 |
| 61083-1 | — | B | .145 | .032 | Brass | — | .205 | .605 | .125 | .295 |
| 61083-2 | — | B | .145 | .032 | Tin Plated Brass | — | .205 | .605 | .125 | .295 |
| 61998-1 | — | B | .145 | .020 | Brass | — | .205 | .605 | .125 | .295 |
| 60921-1 | 1 | C | .145 | .020 | Brass | — | .205 | 1.276 | — | — |
| 60921-2 | 1 | C | .171 | .020 | Brass | — | .205 | 1.276 | — | — |
| 60921-3 | 1 | C | .197 | .020 | Brass | — | .205 | 1.276 | — | — |
| 60922-1 | 1 | C | .145 | .032 | Brass | — | .205 | 1.276 | — | — |
| 60922-2 | 1 | C | .171 | .032 | Brass | — | .205 | 1.276 | — | — |
| 60922-3 | 1 | C | .197 | .032 | Brass | — | .205 | 1.276 | — | — |
| 60922-4 | 1 | C | .145 | .032 | Tin Plated Brass | — | .205 | 1.276 | — | — |
| 61161-1 | — | D | .109 | .032 | Brass | .300 | .205 | .330 | .125 | .295 |
| 61161-2 | — | D | .109 | .032 | Tin Plated Brass | .300 | .205 | .320 | .125 | .295 |
| 61836-1 | — | D | .130 | .032 | Brass | .300 | .205 | .320 | .125 | .295 |
| 62168-1 | — | D | .145 | .032 | Brass | — | .205 | .322 | .125 | .300 |
| 61985-1 | — | E | .130 | .020 | Tin Plated Brass | — | .205 | .433 | .475 | .295 |
| 62257-1** | — | E | .095 | .032 | Brass | — | .205 | .300 | .250 | .250 |

*Mechanical test tab used with AMP gage number 100505. **Antirotational.

### FASTON TAB ADAPTORS

| TERMINAL NUMBER | RECEPT. FITS TAB | DUAL THICKNESS | MATERIAL & FINISH | W | L | E |
|---|---|---|---|---|---|---|
| 60623-1 | .020 | .013 x .020 | Tin Plated Brass | .560 | .650 | .250 |
| 60769-1 | .032 | .013 x .032 | Brass | .560 | .650 | .250 |
| 60769-2 | .032 | .013 x .032 | Tin Plated Brass | .560 | .650 | .250 |

### FASTON TABS FOR PRINTED CIRCUIT BOARD ONLY

| TERMINAL NUMBER | STOCK THICKNESS | MATERIAL & FINISH | BOARD HOLE SIZE | W | L | E |
|---|---|---|---|---|---|---|
| 60284-1** | .020 | Brass | .100/.095 Dia. | .205 | .545 | .250 |
| 60284-2** | .020 | Tin Plated Brass | .100/.095 Dia. | .205 | .545 | .250 |
| 62411-1* | .020 | Tin Plated Brass | .100/.095 Dia. | .205 | .545 | .250 |

*Positive stop. **Loose piece only.

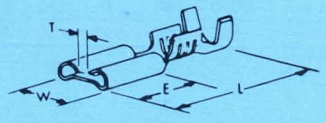
### WIRE CRIMP TYPE TABS

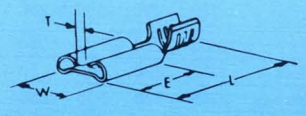
| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | THICK-TAB NESS |
|---|---|---|---|---|---|---|---|---|
| 42488-1<br>60646-2* | 22-18 | .080/.120 | .020 | Brass | .205 | .675 | .250 | .020 |
| 42488-2<br>60646-1* | 22-18 | .080/.120 | .020 | Tin Plated Brass | .205 | .675 | .250 | .020 |
| 42487-1 | 18-14 | .120/.150 | .020 | Brass | .205 | .675 | .250 | .020 |
| 42487-2 | 18-14 | .120/.150 | .020 | Tin Plated Brass | .205 | .675 | .250 | .020 |

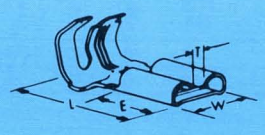
*Reeled for Miniature Applicator.

# 187
## Series Receptacles

**PREMIER LINE**




### INSULATION SUPPORT

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 60831-1 | 24-20 | .040/.070 | .012 | Tin Plated Brass | .010 | .220 | .590 | .250 | .060 |
| 60573-2 | 24-20 | .040/.070 | .012 | Brass | .020 | .220 | .590 | .250 | .060 |
| 60573-1 | 24-20 | .040/.070 | .012 | Tin Plated Brass | .020 | .220 | .590 | .250 | .060 |
| 61017-1 | 24-20 | .040/.070 | .012 | Tin Plated Brass | .015 | .220 | .590 | .250 | .060 |
| 62181-1 | 24-20 | .040/.070 | .012 | Tin Plated Brass | .032 | .220 | .590 | .250 | .060 |
| 62187-1 | 24-20 | .040/.070 | .012 | Tin Plated Brass | .020 | .221 | .590 | .250 | .050 |
| 62356-1 | 24-20 | .060/.110 | .012 | Tin Plated Brass | .015 | .221 | .585 | .250 | .060 |
| 62138-1 | 24-20 | .060/.110 | .012 | Tin Plated Brass | .020 | .221 | .585 | .250 | .060 |
| 62138-2 | 24-20 | .060/.110 | .012 | Brass | .020 | .221 | .585 | .250 | .060 |
| 62137-1 | 20-16 | .060/.110 | .012 | Brass | .020 | .220 | .585 | .250 | .060 |
| 62137-2 | 20-16 | .060/.110 | .012 | Tin Plated Brass | .020 | .220 | .585 | .250 | .060 |
| 42453-1 | 20-16 | .090/.130 | .012 | Brass | .015 | .220 | .585 | .250 | .050 |
| 42453-2 | 20-16 | .090/.130 | .012 | Tin Plated Brass | .015 | .220 | .585 | .250 | .050 |
| 42453-3 | 20-16 | .090/.130 | .012 | Silver Plated Phos. Bronze | .015 | .220 | .585 | .250 | .050 |
| 61084-1 | 20-16 | .090/.130 | .012 | Silver Plated Phos. Bronze | .017 | .220 | .585 | .250 | .050 |
| 42452-1 | 20-16 | .090/.130 | .012 | Brass | .020 | .220 | .585 | .250 | .060 |
| 42452-2 | 20-16 | .090/.130 | .012 | Tin Plated Brass | .020 | .220 | .585 | .250 | .060 |
| 42452-3 | 20-16 | .090/.130 | .012 | Silver Plated Brass | .020 | .220 | .585 | .250 | .060 |
| 42452-4 | 20-16 | .090/.130 | .012 | Silver Plated Phos. Bronze | .020 | .220 | .585 | .250 | .060 |
| 42452-5 | 20-16 | .090/.130 | .012 | Tin Plated Phos. Bronze | .020 | .221 | .585 | .250 | .060 |
| 60621-1 | 20-16 | .090/.130 | .012 | Nickel Plated Steel | .020 | .220 | .585 | .250 | .060 |
| 61079-1 | 20-16 | .090/.130 | .012 | Nickel Plated Steel | .015 | .220 | .585 | .250 | .050 |
| 61758-1 | 20-16 | .090/.130 | .012 | Brass | .032 | .220 | .585 | .250 | .060 |
| 61406-1* | 20-16 | .090/.130 | .012 | Brass | .062 | .220 | .585 | .250 | .060 |
| 60487-1 | 18-16 or (2) 18 | (2) .105 Max. | .012 | Brass | .020 | .220 | .590 | .250 | .040 |
| 60487-2 | 18-16 or (2) 18 | (2) 105 Max. | .012 | Tin Plated Brass | .020 | .220 | .590 | .250 | .040 |
| 62019-1 | 18-16 or (2) 18 | (2) .105 Max. | .012 | Brass | .015 | .220 | .590 | .250 | .040 |
| 61945-1 | 18-16 or (2) 18 | (2) .105 Max. | .012 | Tin Plated Brass | .032 | .220 | .590 | .250 | .040 |

*No slots.

### NON-INSULATION SUPPORT

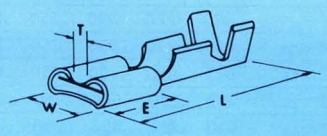
| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 42374-1 | 20-16 | — | .012 | Brass | .015 | .220 | .470 | .250 | .050 |
| 42374-2 | 20-16 | — | .012 | Tin Plated Brass | .015 | .220 | .470 | .250 | .050 |
| 42373-1 | 20-16 | — | .012 | Brass | .020 | .220 | .470 | .250 | .040 |
| 42373-2 | 20-16 | — | .012 | Tin Plated Brass | .020 | .220 | .470 | .250 | .040 |
| 42373-3 | 20-16 | — | .012 | Nickel Plated Steel | .020 | .220 | .470 | .250 | .040 |

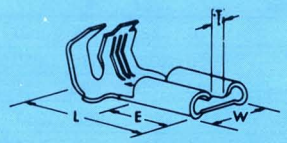
### FLAG INSULATION SUPPORT

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L MAX. | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 60657-1 | 20-16 | .110/.170 | .012 | Brass | .015 | .220 | .530 | .250 | .050 |
| 42486-1 | 20-16 | .110/.170 | .012 | Brass | .020 | .220 | .530 | .250 | .040 |
| 42486-2 | 20-16 | .110/.170 | .012 | Tin Plated Brass | .020 | .220 | .530 | .250 | .040 |
| 42486-3 | 20-16 | .110/.170 | .012 | Nickel Plated Steel | .020 | .220 | .530 | .250 | .040 |
| 42486-4 | 20-16 | .110/.170 | .012 | Silver Plated Brass | .020 | .220 | .530 | .250 | .040 |
| 60820-1 | 20-16 | .170/.225 | .012 | Brass | .020 | .220 | .575 | .250 | .040 |

# 187
## Series Receptacles

## PREMIER LINE
(continued)




### INSULATION SUPPORT

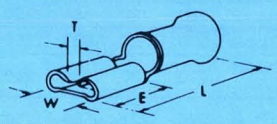
| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 42617-1 | 20-16 | .090/.130 | .012 | Brass | .020 | .220 | .585 | .250 | .050 |
| 42617-2 | 20-16 | .090/.130 | .012 | Tin Plated Brass | .020 | .220 | .585 | .250 | .050 |
| 42617-3 | 20-16 | .090/.130 | .012 | Phos. Bronze | .020 | .220 | .585 | .250 | .050 |
| 61919-1 | 20-16 | .090/.130 | .012 | Brass | .032 | .220 | .585 | .250 | .050 |

### FLAG INSULATION SUPPORT

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L MAX. | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 42618-1 | 20-16 | .110/.170 | .012 | Brass | .020 | .220 | .530 | .250 | .050 |
| 42618-2 | 20-16 | .110/.170 | .012 | Tin Plated Brass | .020 | .220 | .530 | .250 | .050 |
| 61401-1* | 20-16 | .110/.170 | .012 | Brass | .020 | .220 | .530 | .250 | .050 |

*No slots.

## BUDGET LINE




### PIDG PRE-INSULATED RECEPTACLES

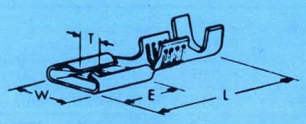
| TERMINAL NUMBER | | WIRE SIZE | INSULA-TION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | INSULATION MATERIAL AND COLOR | FITS TAB | W | L MAX. | E | T |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LOOSE PIECE FORM | STRIP FORM | | | | | | | | | | |
| 60972-1 | 60971-1 | 22-18 | .135 max. | .016 | Brass | Vinyl-Red | .020 | .230 | .756 | .250 | .038 |
| 60972-2* | 60971-2 | 22-18 | .135 max. | .016 | Tin Plated Brass | Vinyl-Red | .020 | .230 | .756 | .250 | .038 |
| 61697-1* | 61696-1 | 16-14 | .160 max. | .016 | Tin Plated Brass | Vinyl-Blue | .020 | .230 | .756 | .250 | .038 |

*Available in tape mounted form.

### PLASTI-GRIP INSULATED RECEPTACLES

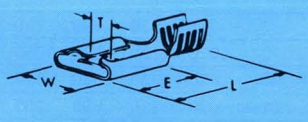
| TERMINAL NUMBER | | WIRE SIZE | INSULA-TION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | INSULATION MATERIAL AND COLOR | FITS TAB | W | L MAX. | E | T |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LOOSE PIECE FORM | STRIP FORM | | | | | | | | | | |
| — | 61516-2 | 22-18 | .135 max. | .016 | Tin Plated Brass | Vinyl-Red | .020 | .230 | .795 | .250 | .038 |

## ECONOMY LINE




### INSULATION SUPPORT

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 42801-1 | 20-16 | .090/.130 | .012 | Brass | .020 | .220 | .590 | .250 | .070 |
| 42801-2 | 20-16 | .090/.130 | .012 | Tin Plated Brass | .020 | .220 | .590 | .250 | .070 |
| 61892-1 | 20-16 or (2) 20 | .090/.130 or (2) .090 Max. | .012 | Brass | .020 | .220 | .590 | .250 | .070 |
| 60196-1 | 20-16 | .090/.130 | .012 | Brass | .032 | .220 | .590 | .250 | .070 |
| 60196-2 | 20-16 | .090/.130 | .012 | Tin Plated Brass | .032 | .220 | .590 | .250 | .070 |
| 60196-4 | 20-16 | .090/.130 | .012 | Silver Plated Brass | .032 | .220 | .590 | .250 | .070 |
| 62121-1 | 20-16 | .090/.130 | .012 | Nickel Plated Steel | .020 | .221 | .590 | .250 | .070 |

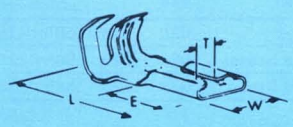



### NON-INSULATION SUPPORT

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 42799-1 | 20-16 | — | .012 | Brass | .020 | .220 | .475 | .250 | .070 |
| 42799-2 | 20-16 | — | .012 | Tin Plated Brass | .020 | .220 | .475 | .250 | .070 |

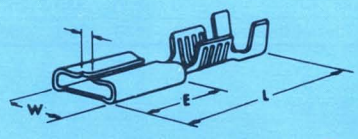
# 187
## Series Receptacles

### ECONOMY LINE

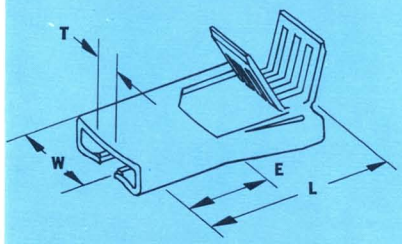


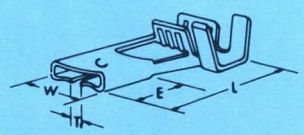

### COMMERCIAL LINE

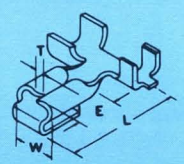

A



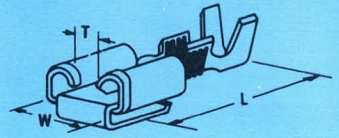

B




A




B

### FLAG INSULATION SUPPORT

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | TAB FITS | W | L MAX. | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 42800-1 | 20-16 | .110/.170 | .012 | Brass | .020 | .220 | .530 | .250 | .065 |
| 42800-2 | 20-16 | .110/.170 | .012 | Tin Plated Brass | .020 | .220 | .530 | .250 | .065 |
| 60529-1 | 20-16 | .110/.170 | .012 | Brass | .032 | .220 | .530 | .250 | .065 |
| 60529-2 | 20-16 | .110/.170 | .012 | Tin Plated Brass | .032 | .220 | .530 | .250 | .065 |

### INSULATION SUPPORT

| TERMINAL NUMBER | STYLE | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L | E | T |
|---|---|---|---|---|---|---|---|---|---|---|
| 60381-1 | A | 20-16 or (2) 18 | .090/.130 or (2) .110 max. | .012 | Brass | .020 | .225 | .510 | .200 | .135 |
| 60381-2 | A | 20-16 or (2) 18 | .090/.130 or (2) .110 max. | .012 | Tin Plated Brass | .020 | .225 | .510 | .200 | .135 |
| 60742-1 | B | 18-14 or (2) 16 | .180/.230 or (2) .110 max. | .014 | Brass | .020 | .225 | .640 | .250 | .030 |
| 61993-1 | B | (2) 18 or (2) 16 | (2) .125 max. | .014 | Brass | .020 | .225 | .640 | .250 | .030 |
| 61993-2 | B | (2) 18 or (2) 16 | (2) .125 max. | .014 | Tin Plated Brass | .020 | .225 | .640 | .250 | .030 |
| 62016-1 | B | 18-14 | .150/.190 | .014 | Brass | .020 | .225 | .640 | .250 | .030 |
| 60742-2 | B | 18-14 or (2) 16 | .180/.230 or (2) .110 max. | .014 | Tin Plated Brass | .020 | .225 | .640 | .250 | .030 |
| 61965-1 | B | 18-14 or (2) 16 | .180/.230 or (2) .125 max. | .014 | Tin Plated Brass | .017 | .225 | .640 | .250 | .030 |
| 62047-1 | B | 18-14 | .090/.130 | .014 | Brass | .020 | .225 | .640 | .250 | .030 |
| 61345-1 | B | 18-14 or (2) 16 | .180/.230 or (2) .110 max. | .014 | Brass | .015 | .225 | .640 | .250 | .030 |

### FLAG NON-INSULATION SUPPORT

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 62414-1* | 22-18 | — | .012 | Pre-Tin Brass | .020 | .225 | .525 | .220 | .045 |

*Thrusplice or end of wire.

### FLAG INSULATION SUPPORT

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 60755-1 | 20-16 | .090/.130 | .012 | Brass | .020 | .225 | .545 | .220 | .045 |
| 60755-2 | 20-16 | .090/.130 | .012 | Tin Plated Brass | .020 | .225 | .545 | .220 | .045 |
| 60755-4 | 20-16 | .090/.130 | .012 | Pre-Tin Brass | .020 | .225 | .545 | .220 | .045 |
| 62085-1 | 22-18 | .060/.070 | .012 | Brass | .020 | .225 | .535 | .220 | .045 |
| 62085-2 | 22-18 | .060/.070 | .012 | Tin Plated Brass | .020 | .225 | .535 | .220 | .045 |
| 62333-1 | 22-18 | .060/.070 | .012 | Tin Plated Brass | .032 | .225 | .535 | .220 | .045 |

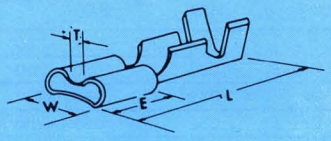
### INSULATION SUPPORT (Receptacle and Tab Combination)

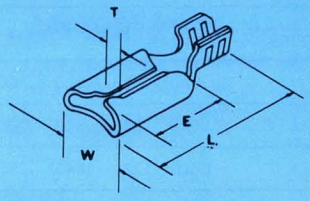
| TERMINAL NUMBER | STYLE | WIRE SIZE | INSULATION DIAMETER | TAB STOCK THICK-NESS | RECPT. STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L | E | T |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 61350-1 | A | 20-16 | .090/.130 | .020 | .014 | Brass | .020 | .225 | .555 | .225 | .020 |
| 61350-2 | A | 20-16 | .090/.130 | .020 | .014 | Tin Plated Brass | .020 | .225 | .555 | .225 | .020 |
| 61958-1 | A | 20-16 | .090/.130 | .020 | .014 | Brass | .025 | .225 | .555 | .225 | .020 |
| 62026-1 | B | 20-16 | .090/.130 | .020 | .014 | Tin Plated Brass | .020 | .225 | .615 | .225 | .020 |
| 62026-2* 62375-1 | B | 20-16 | .090/.130 | .020 | .014 | Brass | .020 | .225 | .615 | .225 | .020 |
| 62139-1 | B | 20-16 | .060/.110 | .020 | .014 | Tin Plated Brass | .020 | .225 | .615 | .225 | .023 |

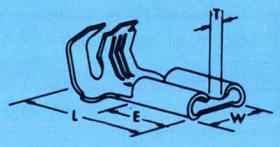
*Reeled for Miniature Applicator.

# 187
## Series Receptacles

**MOLDABLE LINE**




### INSULATION SUPPORT

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 60214-1 | 20-16 | .090/.130 | .012 | Brass | .020 | .220 | .585 | .250 | .060 |
| 60214-2 | 20-16 | .090/.130 | .012 | Tin Plated Brass | .020 | .220 | .585 | .250 | .060 |
| 61339-1 | 20-16 | .090/.130 | .012 | Tin Plated Brass | .032 | .220 | .585 | .250 | .060 |

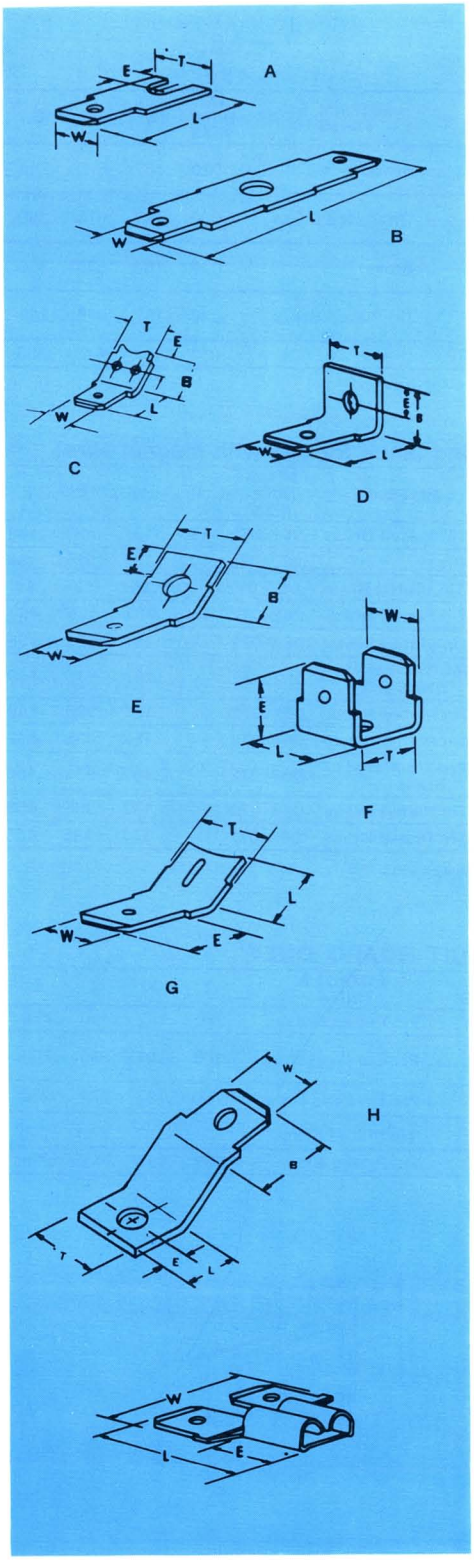
### NON-INSULATION SUPPORT

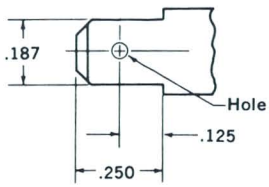
| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 60948-1 | 20-16 | — | .012 | Brass | .020 | .220 | .475 | .250 | .065 |
| 61969-1 | 20-16 | — | .012 | Tin Plated Brass | .032 | .221 | .475 | .250 | .065 |

### FLAG INSULATION SUPPORT

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L MAX. | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 61029-1 | 20-16 | .110/.170 | .012 | Brass | .020 | .220 | .530 | .250 | .065 |
| 61029-2 | 20-16 | .110/.170 | .012 | Tin Plated Brass | .020 | .220 | .530 | .250 | .065 |

# 187
## Series Tabs





MATING 187 SERIES TAB DIMENSIONS

### TABS

| TERMINAL NUMBER | PAIRS | STYLE | STUD DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | T | B |
|---|---|---|---|---|---|---|---|---|---|---|
| 60443-1* | — | A | .125 | .020 | Brass | 187 | .605 | .120 | .295 | — |
| 60443-2* | — | A | .125 | .032 | Brass | .187 | .605 | .090 | .295 | — |
| 60920-1 | 1 | B | .145 | .020 | Brass | .187 | 1.276 | — | — | — |
| 60920-2 | 1 | B | .171 | .020 | Brass | .187 | 1.276 | — | — | — |
| 60920-3 | 1 | B | .197 | .020 | Brass | .187 | 1.276 | — | — | — |
| 61228-1 | — | C | — | .020 | Nickel Plated Steel | .187 | .270 | .078 | .230 | .170 |
| 61960-1** | — | G‡ | — | .020 | Nickel Plated Steel | .187 | .270 | .070 | .230 | .170 |
| 61990-1 | — | G† | — | .020 | Nickel Plated Steel | .187 | .270 | .078 | .230 | .170 |
| 62256-1 | — | D | .065 | .020 | Brass | .187 | .320 | .125 | .295 | .300 |
| 62239-1 | — | D | .094 | .020 | Brass | .187 | .656 | .125 | .280 | .343 |
| 61407-1 | — | D | .109 | .020 | Brass | .187 | .320 | .125 | .295 | .300 |
| 61407-2 | — | D | .109 | .020 | Tin Plated Brass | .187 | .320 | .125 | .295 | .300 |
| 61407-3 | — | D | .145 | .020 | Tin Plated Brass | .187 | .320 | .125 | .295 | .300 |
| 62407-1*** | — | D | .156 | .020 | Tin Plated Brass | .187 | .320 | .125 | .295 | .300 |
| 61947-1 | — | D | .130 | .020 | Tin Plated Brass | .187 | .320 | .125 | .295 | .300 |
| 61664-1 | — | E | .171 | .020 | Tin Plated Brass | .187 | — | .125 | .295 | .300 |
| 61761-1 | — | E | .130 | .020 | Brass | .187 | — | .125 | .295 | .300 |
| 61761-2 | — | E | .130 | .020 | Tin Plated Brass | .187 | — | .125 | .295 | .300 |
| 61914-1 | — | F | .197 | .020 | Tin Plated Brass | .187 | .295 | .433 | .435 | — |
| 61914-2 | — | F | .145 | .020 | Tin Plated Brass | .187 | .295 | .433 | .435 | — |
| 61951-1 | — | F | .130 | .020 | Tin Plated Brass | .187 | .295 | .433 | .435 | — |
| 61970-1 | — | F | .159 | .020 | Tin Plated Brass | .187 | .295 | .433 | .435 | — |
| 62162-1 | — | H | .135 | .032 | Tin Plated Brass | .187 | .250 | .125 | .330 | .171 |

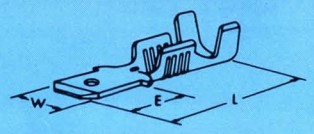
*Mechanical test tab for use with AMP gage number 100505. **Weld Tab. †Bent 90°. ‡Bent 45°.
***Antirotational feature.

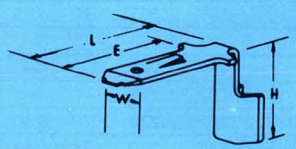
### FASTON TAB ADAPTORS

| TERMINAL NUMBER | RECEPTACLE FITS TAB | DUAL THICKNESS | MATERIAL & FINISH | W | L | E |
|---|---|---|---|---|---|---|
| 61045-1† | .020 | .013 x .020 | Brass | .560 | .650 | .244 |
| 61045-2† | .020 | .013 x .020 | Tin Plated Brass | .560 | .650 | .244 |

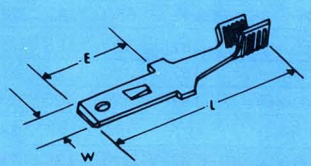
†Pre Milled Dual Thickness Stock.

# 187
## Series Tabs

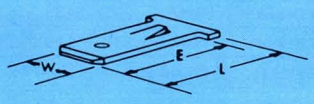


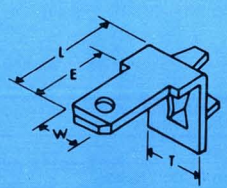

A




B




A




B

### WIRE CRIMP TYPE TABS

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | TAB THICK-NESS | W | L | E |
|---|---|---|---|---|---|---|---|---|
| 42490-1<br>42490-4* | 22-18 | .080/.120 | .020 | Brass | .020 | .187 | .675 | .250 |
| 42490-2<br>42490-3* | 22-18 | .080/.120 | .020 | Tin Plated Brass | .020 | .187 | .675 | .250 |
| 42489-1<br>60850-1* | 18-14 | .120/.150 | .020 | Brass | .020 | .187 | .675 | .250 |
| 42489-2<br>60850-2* | 18-14 | .120/.150 | .020 | Tin Plated Brass | .020 | .187 | .675 | .250 |
| 61687-1† | 18-14 | .120/.150 | .032/.020 | Brass | .032 | .187 | .675 | .250 |

†Premilled Dual Stock Thickness. *Reeled for Miniature Applicator.

### AMPLIVAR FASTON TABS (with locking lance for use with magnet wire)

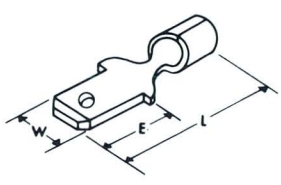
| TERMINAL NUMBER | TYPE | WIRE RANGE MAGNET | INSULATION DIA RANGE | STOCK THICK-NESS | MATERIAL | BOARD THICK-NESS | H | W | L | E |
|---|---|---|---|---|---|---|---|---|---|---|
| 61136-1 | A | 24-21 | — | .020 | Tin Plated Brass | .062-.072 | .400 | .187 | .525 | .458 |
| 60289-1 | A | 21-16 | — | .020 | Brass | .062-.072 | .400 | .187 | .525 | .458 |
| 60289-2 | A | 21-16 | — | .020 | Tin Plated Brass | .062-.072 | .400 | .187 | .525 | .458 |
| 60571-1 | A | 15-13 | — | .020 | Tin Plated Brass | .062-.072 | .400 | .187 | .525 | .458 |
| 61440-3 | B | 24-21 | — | .020 | Tin Plated Brass | .062-.072 | — | .187 | .935 | .458 |
| 61441-1 | B | 21-16 | — | .020 | Pre-Tin Plated Brass | .062-.072 | — | .187 | .935 | .458 |
| 61441-2 | B | 21-16 | — | .020 | Tin Plated Brass | .062-.072 | — | .187 | .935 | .458 |
| 61441-3* | B | 21-16 | — | .020 | Tin Plated Brass | .062-.072 | — | .187 | .935 | .458 |
| 61442-1 | B | 15-13 | — | .020 | Pre-Tin Plated Brass | .062-.072 | — | .187 | .935 | .458 |
| 61442-2 | B | 15-13 | — | .020 | Tin Plated Brass | .062-.072 | — | .187 | .935 | .458 |
| 61442-3** | B | 15-13 | — | .020 | Tin Plated Brass | .062-.072 | — | .187 | .935 | .458 |

*Reverse reel of 61441-2. **Reverse reel of 61442-2.

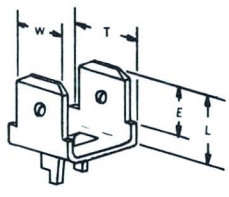
### FASTON TABS FOR PRINTED CIRCUIT BOARD ONLY

| TERMINAL NUMBER | TYPE | STOCK THICKNESS | BOARD THICKNESS | MATERIAL & FINISH | T | W | L | E |
|---|---|---|---|---|---|---|---|---|
| 61024-1* | A | .020 | .062/.072 | Tin Plated Brass | .280 | .187 | .490 | .458 |
| 61543-1<br>61544-1 | B | .020 | .055 | Pre-Tin Lead Brass | .250 | .187 | .332 | .250 |
| 62403-1 | B | .020 | .062 | Pre-Tin Lead Brass | .250 | .187 | .332 | .250 |
| 61907-1* | C | .020 | .062 | Tin Plated Brass | — | .187 | .545 | .250 |
| 62221-1 | D | .020 | .055 | Tin Plated Brass | .250 | .187 | .332 | .250 |

*Loose piece only.




C




D

# 110
## Series Receptacles

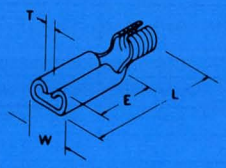

### INSULATION SUPPORT

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L | E | T | TAB FITS TYPE |
|---|---|---|---|---|---|---|---|---|---|---|
| 42847-1* | 30-28 | .020/.040 | .010 | Brass | .016 | .150 | .555 | .250 | .030 | A B C |
| 61093-1* | 30-28 | .020/.040 | .010 | Brass | .025 | .150 | .555 | .250 | .030 | A B C |
| 42415-1 | 24-22 | .040/.060 | .010 | Pre-Tin Brass | .016 | .150 | .635 | .250 | .025 | A |
| 42415-2 | 24-22 | .040/.060 | .010 | Brass | .016 | .150 | .635 | .250 | .025 | A |
| 42415-3 | 24-22 | .040/.060 | .010 | Silver Plated Brass | .016 | .150 | .635 | .250 | .025 | A |
| 42415-4 | 24-22 | .040/.060 | .010 | Silver Plated Phos. Bronze | .016 | .150 | .635 | .250 | .025 | A |
| 62340-1 | 24-22 | .040/.060 | .010 | Pre-Tin Brass | .010 | .150 | .635 | .250 | .025 | A |
| 60089-1 | 24-22 | .040/.060 | .010 | Brass | .020 | .150 | .510 | .125 | .025 | A |
| 60089-2 | 24-22 | .040/.060 | .010 | Pre-Tin Brass | .020 | .150 | .510 | .125 | .025 | A |
| 60089-3 | 24-22 | .040/.060 | .010 | Gold Plated Brass | .020 | .150 | .510 | .125 | .025 | A |
| 42067-1 | 24-22 | .040/.060 | .010 | Pre-Tin Brass | .020 | .150 | .635 | .250 | .025 | A |
| 42067-2 | 24-22 | .040/.060 | .010 | Gold Plated Brass | .020 | .150 | .635 | .250 | .025 | A |
| 42948-1 | 24-22 | .040/.060 | .010 | Brass | .020 | .150 | .635 | .250 | .025 | A |
| 60230-1 | 24-22 | .040/.060 | .010 | Pre-Tin Brass | .031 | .150 | .635 | .250 | .025 | A |
| 60230-2 | 24-22 | .040/.060 | .010 | Gold Plated Brass | .031 | .150 | .635 | .250 | .025 | A |
| 61410-1* | 24-22 | .040/.060 | .010 | Pre-Tin Brass | .025 | .150 | .635 | .250 | .025 | A B C |
| 42315-1 | 22-20 | .060/.100 | .010 | Pre-Tin Brass | .016 | .150 | .635 | .250 | .025 | B |
| 42236-1 | 22-20 | .060/.100 | .010 | Pre-Tin Brass | .020 | .150 | .635 | .250 | .025 | B |
| 60091-1 | 22-18 | .060/.100 | .010 | Phos. Bronze | .010 | .150 | .635 | .250 | .025 | A |
| 60091-2 | 22-18 | .060/.100 | .010 | Tin Plated Phos. Bronze | .010 | .150 | .635 | .250 | .025 | A |
| 62005-1 | 22-18 | .060/.100 | .010 | Pre-Tin Brass | .010 | .150 | .635 | .250 | .025 | A |
| 60415-1 | 22-18 | .060/.100 | .010 | Pre-Tin Brass | .012 | .150 | .635 | .250 | .025 | A |
| 60118-1 | 22-18 | .060/.100 | .010 | Pre-Tin Brass | .016 | .150 | .635 | .250 | .025 | A |
| 60118-2 | 22-18 | .060/.100 | .010 | Silver Plated Phos. Bronze | .016 | .150 | .635 | .250 | .025 | A |
| 42657-1* | 22-18 | .060/.100 | .010 | Pre-Tin Brass | .016 | .150 | .635 | .250 | .025 | A B C |
| 42068-0 | 22-18 | .060/.100 | .010 | Brass | .020 | .150 | .635 | .250 | .025 | A |
| 42068-1 | 22-18 | .060/.100 | .010 | Pre-Tin Brass | .020 | .150 | .635 | .250 | .025 | A |
| 42068-3 | 22-18 | .060/.100 | .010 | Phos. Bronze | .020 | .150 | .635 | .250 | .025 | A |
| 42068-4 | 22-18 | .060/.100 | .010 | Tin Plated Phos. Bronze | .020 | .150 | .635 | .250 | .025 | A |
| 42068-5 | 22-18 | .060/.100 | .010 | Gold Plated Brass | .020 | .150 | .635 | .250 | .025 | A |
| 42068-6 | 22-18 | .060/.100 | .010 | Silver Plated Brass | .020 | .150 | .635 | .250 | .025 | A |
| 60461-2 | 22-18 | .060/.100 | .010 | Brass | .025 | .150 | .635 | .250 | .025 | A |
| 60461-3 | 22-18 | .060/.100 | .010 | Pre-Tin Brass | .025 | .150 | .635 | .250 | .025 | A |
| 60461-5 | 22-18 | .060/.100 | .010 | Pre-Tin Phos. Br. | .025 | .150 | .635 | .250 | .025 | A |
| 60197-1 | 22-18 | .060/.100 | .010 | Pre-Tin Brass | .032 | .150 | .635 | .250 | .025 | A |
| 60577-1 | 22-18 | .060/.100 | .010 | Pre-Tin Brass | .032 | .150 | .635 | .250 | .025 | C |
| 61938-1**<br>62387-1† | 22-18 | .060/.100 | .010 | Brass | .020 | .150 | .560 | .250 | .025 | A |
| 60686-1* | 22-18 or (2) 22 | .060/.100 or (2) .070 max. | .010 | Silver Plated Phos. Bronze | .016 | .150 | .635 | .250 | .025 | A B C |
| 62094-1 | 22-18 | .090/.130 | .010 | Pre-Tin Brass | .020 | .148 | .635 | .250 | .022 | A |
| 60291-1* | 22-18 | .120/.140 | .010 | Pre-Tin Brass | .020 | .150 | .635 | .250 | .020 | A B C |
| 60532-1 | 22-18 | .120/.140 | .010 | Pre-Tin Brass | .020 | .150 | .635 | .250 | .020 | A |
| 60729-1 | 22-18 | .120/.140 | .010 | Pre-Tin Brass | .020 | .150 | .635 | .250 | .020 | B |
| 61634-1 | 22-18 | .120/.140 | .010 | Brass | .032 | .150 | .635 | .250 | .020 | B |
| 61030-1 | 22-18 | .120/.140 | .010 | Pre-Tin Brass | .016 | .150 | .635 | .250 | .020 | B |
| 42294-1* | 22-18 | .120/.140 | .010 | Pre-Tin Brass | .025 | .150 | .635 | .250 | .020 | A B C |
| 61158-1 | 22-18 | .120/.140 | .010 | Pre-Tin Brass | .025 | .150 | .635 | .250 | .022 | A |
| 61408-1 | 20-16 | .060/.100 | .010 | Pre-Tin Brass | .020 | .150 | .635 | .250 | .025 | A |
| 61400-1 | 20-16 | .120/.140 | .010 | Pre-Tin Brass | .020 | .150 | .635 | .250 | .022 | A |
| 61923-1 | 22-18 | .120/.140 | .010 | Pre-Tin Brass | .012 | .150 | .635 | .250 | .020 | A |
| 62050-1 | 20-16 | .120/.140 | .010 | Pre-Tin Brass | .032 | .150 | .635 | .250 | .020 | A |
| 62190-1 | 20-16 | .150/.170 | .010 | Brass | .015 | .150 | .635 | .250 | .022 | A |
| 62191-1 | 20-16 | .150/.170 | .010 | Tin Plated Brass | .020 | .150 | .635 | .250 | .022 | A |

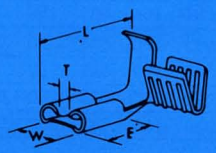
*No Dimple. **Side Feed. †Reeled for Miniature Applicator.

# 110
## Series Receptacles

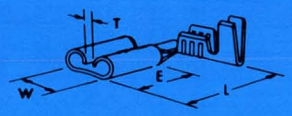
A



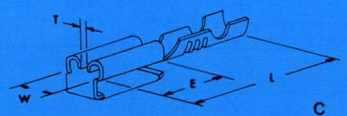
B



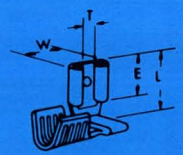
A



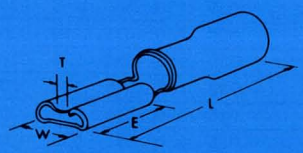
B



C



D




### NON-INSULATION SUPPORT

| TERMINAL NUMBER | WIRE SIZE | STYLE | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L | E | T | TAB TYPE FITS |
|---|---|---|---|---|---|---|---|---|---|---|
| 42399-2 | 20-18 or (2) 20 | A | .010 | Brass | .020 | .150 | .475 | .250 | .030 | A |
| 42399-1 | 20-18 or (2) 20 | A | .010 | Pre-Tin Brass | .020 | .150 | .475 | .250 | .030 | A |
| 62345-1 | 20-18 or (2) 20 | A | .010 | Pre-Tin Brass | .025 | .150 | .475 | .250 | .030 | A |
| 60296-1 | 20-18 or (2) 20 | A | .010 | Pre-Tin Brass | .012 | .150 | .475 | .250 | .030 | A |
| 42398-1 | 20-18 or (2) 20 | A | .010 | Pre-Tin Brass | .016 | .150 | .475 | .250 | .030 | A |
| 60967-1 | 20-18 or (2) 20 | A | .010 | Pre-Tin Brass | .016 | .150 | .475 | .250 | .030 | B |
| 42604-1* | 20-18 or (2) 20 | A | .010 | Pre-Tin Brass | .020 | .150 | .475 | .250 | .030 | A B C |
| 60601-1 | 20-18 or (2) 20 | A | .010 | Pre-Tin Brass | .032 | .150 | .475 | .250 | .030 | A |
| 42795-1* | 20-18 or (2) 20 | A | .010 | Pre-Tin Brass | .032 | .150 | .475 | .250 | .030 | A B C |
| 61277-1 | 20-18 or (2) 20 | A | .010 | Brass | .020 | .148 | .475 | .250 | .028 | — |
| 61457-1 | 20-16 | A | .010 | Pre-Tin Brass | .016 | .150 | .537 | .250 | .025 | A |
| 61360-1 | 16-14 | B | .012 | Pre-Tin Phos. Bronze | .032 | .150 | .475 | .250 | .025 | C |
| 61437-1 | 16-14 | B | .012 | Pre-Tin Phos. Bronze | .020 | .150 | .475 | .250 | .025 | C |
| 61818-1 | 24-22 | A | .010 | Brass | .016 | .138 | .327 | .140 | .028 | — |

*No Dimple.

### FLAG INSULATION SUPPORT

| TERMINAL NUMBER | STYLE A | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L MAX. | E | T | FITS TAB TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 60605-1 | A | 22-18 | .065/.100 | .012 | Tin Plated Brass | .020 | .150 | .430 | .200 | .030 | A |
| 61001-1 | A | 22-18 | .065/.100 | .012 | Tin Plated Brass | .016 | .150 | .430 | .200 | .030 | A |
| 61372-1 | A | 22-18 | .065/.100 | .010 | Pre-Tin Brass | .020 | .150 | .430 | .200 | .030 | A |
| 61530-1 | A | 22-18 | .065/.100 | .010 | Pre-Tin Brass | .025 | .150 | .430 | .200 | .030 | A |
| 61971-1 | A | 22-18 | .065/.100 | .010 | Pre-Tin Brass | .032 | .148 | .430 | .200 | .030 | A |
| 61459-1 | A | 22-18 | .065/.100 | .010 | Pre-Tin Brass | .016 | .150 | .430 | .200 | .030 | A |
| 61070-1 | B | 22-18 | .060/.100 | .012 | Tin Plated Brass | .020 | .150 | .430 | .200 | .030 | A |
| 61070-2 | B | 22-18 | .060/.100 | .012 | Brass | .020 | .150 | .430 | .200 | .030 | A |
| 61481-1 | B | 22-18 | .060/.100 | .010 | Pre-Tin Brass | .020 | .150 | .430 | .200 | .035 | A |
| 62336-1 | B | 22-18 | .060/.100 | .010 | Pre-Tin Brass | .032 | .150 | .430 | .200 | .035 | A |
| 62003-1 | C | 22-18 | .060/.100 | .010 | Brass | .020 | .140 | .600 | .250 | .025 | A |
| 62003-2 | C | 22-18 | .060/.100 | .010 | Tin Plated Bras | .020 | .140 | .600 | .250 | .025 | A |
| 62374-1 | C | 22-18 | .060/.100 | .010 | Tin Plated Brass | .025 | .140 | .600 | .250 | .025 | A |

### FLAG NON-INSULATION SUPPORT

| TERMINAL NUMBER | STYLE | WIRE SIZE | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L MAX. | E | T | FITS TAB TYPE |
|---|---|---|---|---|---|---|---|---|---|---|
| 60991-1 | D | 22-16 | .012 | Brass | .020 | .150 | .295 | .150 | .043 | A |
| 60991-2 | D | 22-16 | .012 | Tin Plated Brass | .020 | .150 | .295 | .150 | .043 | A |
| 61967-1 | D | 22-16 | .010 | Brass | .032 | .150 | .295 | .150 | .043 | A |
| 61549-1 | D | 22-16 | .010 | Pre-Tin Brass | .020 | .150 | .295 | .150 | .043 | A |
| 62321-1 | D | 22-16 | .010 | Pre-Tin Brass | .020 | .150 | .295 | .150 | .043 | A |
| 62321-2 | D | 22-16 | .010 | Nickel Plated Brass | .020 | .150 | .295 | .150 | .043 | A |

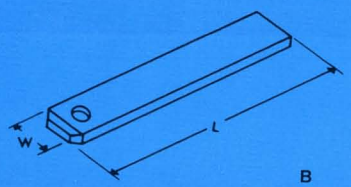
### PIDG PRE-INSULATED RECEPTACLES

| TERMINAL NUMBER | | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | INSULATION MATERIAL & COLOR | FITS TAB | W | L MAX. | E | T | FITS TAB TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOOSE PIECE FORM | STRIP FORM | | | | | | | | | | | |
| 61048-1** | 61047-1 | 22-18 | .100 max. | .012 | Pre-Tin Brass | Nylon Trsp. | .016 | .148 | .734 | .250 | .025 | A |
| 61060-1** | 61059-1 | 22-18 | .100 max. | .012 | Pre-Tin Brass | Nylon Trsp. | .020 | .148 | .734 | .250 | .025 | A |
| 60894-1** | 60893-1 | 22-18 | .100 max. | .012 | Pre-Tin Brass | Nylon Trsp. | .032 | .148 | .734 | .250 | .025 | A |
| 61255-1* | 61254-1* | 22-18 | .110 max. | .012 | Pre-Tin Brass | Nylon Trsp. | .032 | .148 | .734 | .250 | .025 | A* |
| 61678-1** | 61677-1 | 22-18 | .110 max. | .012 | Pre-Tin Brass | Nylon-Black | .032 | .148 | .734 | .250 | .025 | B |
| 350626-1 | 350625-1 | 22-18 | .100 max. | .012 | Gold Plated Brass | Nylon Trsp. | .032 | .148 | .734 | .250 | .025 | A |
| 350808-1 | 350807-1 | 22-18 | .110 max. | .012 | Tin Plated Brass | Nylon Trsp. | .020 | .148 | .734 | .250 | .025 | A |
| 61191-1 | 61190-1 | 16-14 | .160 max. | .016 | Pre-Tin Brass | Vinyl-Blue | .016 | .160 | .756 | .250 | .025 | A |
| 61258-1* | 61257-1* | 16-14 | .170 max. | .016 | Pre-Tin Brass | Vinyl-Blue | .032 | .160 | .756 | .250 | .025 | A* |

*No Dimple. **Available in tape mounted form.

# 110
## Series Tabs

A

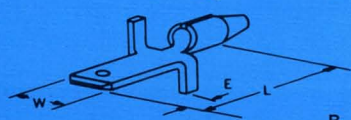


B

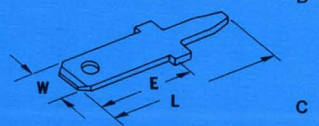

A

B

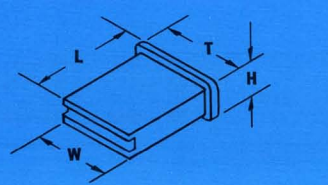
A

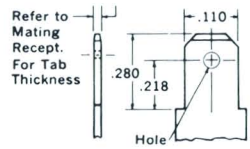


B

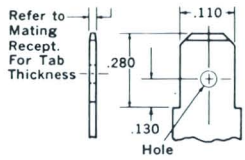


C

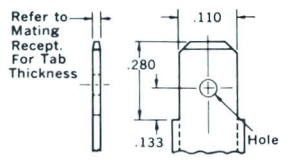


MATING 110 SERIES TAB DIMENSIONS TYPE A



MATING 110 SERIES TAB DIMENSIONS TYPE B



MATING 110 SERIES TAB DIMENSIONS TYPE C

### TABS

| TERMINAL NUMBER | STYLE | HOLE DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | T |
|---|---|---|---|---|---|---|---|---|
| 40966 | A | .106 | .016 | Tin Plated Brass | .110 | .655 | .110 | .220 |
| 42760-1* | A | .106 | .016 | Tin Plated Brass | .110 | .655 | .110 | .220 |
| 61139-1 | A | .084 | .016 | Tin Plated Brass | .110 | .655 | .110 | .220 |
| 61493-1 | A | .089 | .016 | Tin Plated Brass | .110 | .656 | .109 | .220 |
| 61935-1Δ | A | .106 | .020 | Tin Plated Brass | .110 | .656 | .109 | .220 |
| 61935-2 | A | .106 | .020 | Brass | .110 | .656 | .109 | .220 |
| 61517-1 | B | .060 | .032 | Nickel Plated Steel | .110 | .490 | — | .110 |
| 42971-1 | A | .136 | .016 | Tin Plated Brass | .110 | .655 | .110 | .220 |
| 60858-1* | A | .136 | .016 | Tin Plated Brass | .110 | .655 | .110 | .220 |
| 60837-1 | A | .136 | .020 | Tin Plated Brass | .110 | .655 | .110 | .220 |
| 60336-1 | A | .170 | .016 | Tin Plated Brass | .110 | .655 | .110 | .220 |

*No solder slot. ΔDimple Hole

### MECHANICAL TEST TABS

| TERMINAL NUMBER | STOCK THICKNESS | MATERIAL & FINISH | W | L | E | T |
|---|---|---|---|---|---|---|
| 62061-1* | .020 | Brass | .125 | .570 | .090 | .295 |
| 62061-2* | .032 | Brass | .125 | .570 | .090 | .295 |
| 62061-3* | .016 | Brass | .125 | .570 | .090 | .295 |

*Mechanical test tab for use with AMP gauge number 100505.

### WIRE CRIMP TYPE TABS

| TERMINAL NUMBER | STYLE | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | W | L | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 61037-1 | A | 28-26 | — | .020 | Brass | .110 | .490 | .280 | — |
| 61037-2 | A | 28-26 | — | .020 | Tin Plated Brass | .110 | .490 | .280 | — |
| 62122-1 | A | 22-18 | — | .020 | Pre-Tin Brass | .110 | .485 | .280 | — |
| 62122-2 | A | 22-18 | — | .020 | Nickel Plated Brass | .110 | .485 | .280 | — |
| 62384-1 | A | 22-18 | — | .020 | Pre-Tin Brass | .110 | .565 | .280 | — |
| 42293-1** | B | 24-20 | .120/.140 | .025 | Brass | .110 | .780 | .250 | .270 |
| 42293-2** | B | 24-20 | .120/.140 | .025 | Tin Plated Brass | .110 | .780 | .250 | .270 |

**Note: These Tabs mate with Receptacle No. 42294 only.

### FASTON TABS FOR PRINTED CIRCUIT BOARD ONLY

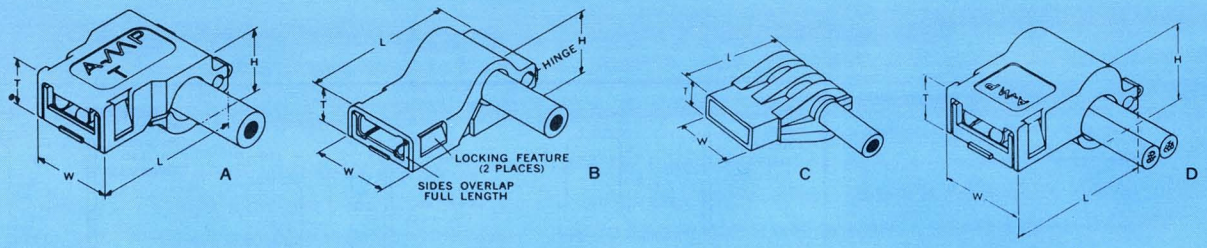
| TERMINAL NUMBER | STYLE | STOCK THICKNESS | MATING HOLE DIA. | MATERIAL & FINISH | W | L | E |
|---|---|---|---|---|---|---|---|
| 61134-1† | A | .020 | .060/.055 | Pre-Tin Brass | .110 | .490 | .280 |
| 61968-2†† | B | .020 | .065 | Pre-Tin Brass | .110 | .490 | .280 |
| 62073-1 | B | .020 | .070/.067 | Pre-Tin Brass | .110 | .490 | .280 |
| 62144-1 | B | .020 | .066/.072 | Pre-Tin Brass | .110 | .490 | .280 |
| 62395-1 | C | .020 | .040/.046 | Pre-Tin Brass | .110 | .490 | .280 |

†Loose piece only. ††Staking machine available.

### TAB CAPS

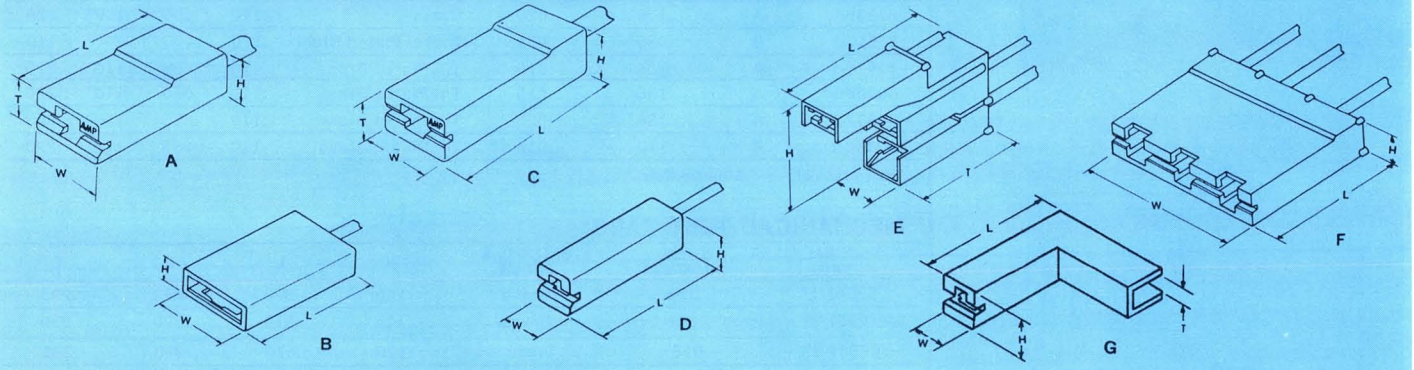
| TAB SIZE | PART NUMBER | MATERIAL | COLOR | L | T | W | H |
|---|---|---|---|---|---|---|---|
| "250" Series .032 thick | 360042-1 | Nylon | Natural | .380 | .380 | .320 | .155 |
| "187" Series .020 thick | 360041-1 | Nylon | Natural | .380 | .320 | .260 | .155 |

# AMPIP/Post -Insulation Pods




## FLAG STYLE RECEPTACLE HOUSINGS

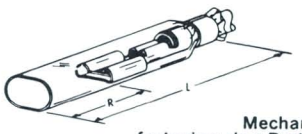
| STYLE | PART NUMBER | TYPE | MATERIAL | COLOR | INSULATION DIAMETER | L | T | W | H | ACCEPTS TERMINAL* |
|---|---|---|---|---|---|---|---|---|---|---|
| A | 1-480298-0 | Continuous Strip | Nylon | Natural | .210 Max. | .787 | .266 | .448 | .360 | "250" Series Flag FASTON Receptacles 41531, 41532, 42144, 42511, 60641, 60645 |
| | 1-480307-1 | Loose Piece | Nylon | Natural | .210 Max. | | | | | |
| B | 1-480296-0 | Continuous Strip | Nylon | Natural | .140 Max. or (2) .110 Max. | .732 | .180 | .460 | .315 | "250" Series Flag FASTON Receptacles 60290, 60314, 60455 |
| | 1-480306-1 | Loose Piece | Nylon | Natural | | | | | | |
| C | 480019-6 | Loose Piece | Vinyl | Blue | .150 | .710 | .210 | .380 | .400 | "250" Series Flag FASTONS |
| D | 1-480487-2 | Loose Piece | Nylon | Natural | .175 Max. | .699 | .230 | .430 | .320 | "187" Series Flag FASTONS |



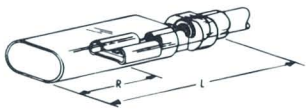

## STRAIGHT STYLE RECEPTACLE HOUSINGS

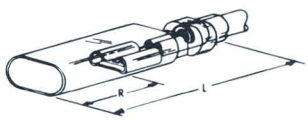
| STYLE | PART NUMBER | TYPE | MATERIAL | COLOR | INSULATION DIAMETER | L | T | W | H | ACCEPTS TERMINAL* |
|---|---|---|---|---|---|---|---|---|---|---|
| A | 1-480416-0 | Loose Piece | Nylon | Natural | .200 Max. | .920 | .260 | .390 | .282 | "250" Series FASTON Receptacles 41143, 41194, 41202, 41274, 41449, 41450, 41678, 41679, 41763, 41771, 41772, 42285, 42286, 42400, 42510, 42640, 42643, 60650,60938, 61099, 61107, 61324, 61368, 61375 |
| | 1-480416-1 | Loose Piece | Nylon | Black | | | | | | |
| | 1-480416-3 | Loose Piece | Nylon | Blue | | | | | | |
| | 1-480416-4 | Loose Piece | Nylon | Red | | | | | | |
| B | 1-480458-0 | Loose Piece | Nylon | Natural | .125 Max. | .950 | — | .570 | .190 | "250" Series FASTON Receptacles 42660, 42743, 42845, 60021, 60488, 60713, 61202 |
| C | 1-480418-0 | Loose Piece | Nylon | Natural | .180 Max. | .775 | .225 | .338 | .245 | "205" Series FASTON Receptacles 42197, 42198, 42258, 42298, 42432, 42680, 42709, 42710, 42712**, 42713, 42781, 61050 |
| C | 1-480435-0 | Loose Piece | Nylon | Natural | .170 Max. | .775 | .215 | .308 | .235 | "187" Series FASTON Receptacles 42373, 42374, 42452, 42453, 42617, 60214, 60487, 60573, 60621, 60831, 61017, 61079, 61084, 61124, 61339 |
| D | 1-480417-0 | Loose Piece | Nylon | Natural | .150 Max. | .790 | — | .230 | .225 | "110" Series FASTON Receptacles 42067, 42068, 42236, 42294, 42315, 42398, 42399, 42415, 42570, 42604, 42657, 42795, 42847, 42948, 60118, 60197, 60230, 60291, 60296, 60415, 60461, 60532, 60601, 60686, 60729, 60967, 61030, 61400, 61408, 61410 |
| E | 360010-1 | Loose Piece | Nylon | Natural | .170 Max. | 1.405 | .875 | .317 | .875 | "187" Series FASTON Receptacles 42452, 42453, 42373, 42374, 42617, 60487, 60573, 60214, 60621, 60831, 61017, 61079, 61084, 61124, 61919 |
| F | 360011-1 | Loose Piece | Nylon | Natural | — | .775 | .225 | — | .245 | "205" Series FASTON Receptacles 42710, 42198, 42680, 42432, 42781, 42712-1, 42712-2, 42709, 61050, 42713, 42197, 42258, 60674, |
| G | 360040-1 | Loose Piece | Nylon | Natural | — | .550 | .130 | .225 | .200 | 61070, 61481 |

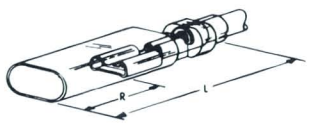
*Note: For dimensions and plating, refer to Terminal Specification. **Except 42712-3.



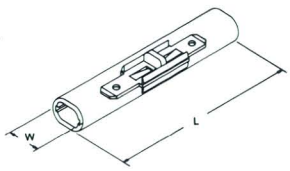

Mechanical fastening ring Part No. 41574 with sleeve








## INSULATION TUBING FOR "250" SERIES

| SLEEVE NO. | INSUL. MAX. | LENGTH | R | COLOR |
|---|---|---|---|---|
| 380374-2 | .280 | 1.825 | .625 | Natural |
| 380374-3 | .280 | 1.270 | .070 | Natural |
| 380374-4 | .280 | 1.600 | .400 | Natural |

## COLD CRIMP SLEEVES FOR "250" SERIES

| SLEEVE NO. | INSUL. MAX. | LENGTH | R | COLOR |
|---|---|---|---|---|
| 380286-1 | .140 | 1.577 | .625 | Natural |
| 380286-2 | .140 | .937 | .062 | Natural |
| 380286-3 | .140 | .937 | None | Natural |
| 380286-4 | .140 | 1.110 | .062 | Natural |
| 380425-1 | .175 | .937 | .062 | Natural |
| 380425-2 | .175 | .937 | None | Natural |
| 380454-1 | .190 | 1.577 | .625 | Natural |
| 380454-2 | .190 | .937 | .062 | Natural |
| 380454-3 | .190 | 1.062 | .062 | Natural |
| 380590-1 | .190 | 1.577 | .625 | Black |

## COLD CRIMP SLEEVES FOR "205" AND "187" SERIES

| SLEEVE NO. | INSUL. MAX. | LENGTH | R | COLOR |
|---|---|---|---|---|
| 380390-2 | .125 | .967 | .156 | Natural |
| 380390-3 | .125 | .967 | .093 | Natural |
| 380390-4 | .125 | 1.320 | .470 | Natural |
| 380390-5 | .125 | .812 | None | Natural |
| 380390-6 | .125 | .822 | .062 | Natural |
| 380390-7 | .125 | .750 | None | Natural |
| 380583-1 | .125 | .967 | .156 | Red |

## COLD CRIMP SLEEVES FOR "110" SERIES

| SLEEVE NO. | INSUL. MAX. | LENGTH | R | COLOR |
|---|---|---|---|---|
| 380312-7 | .150 | .920 | .062 | Blue |
| 380434-1 | .150 | .720 | None | Natural |
| 380434-2 | .150 | .920 | .031 | Natural |
| 380434-3 | .150 | .920 | .156 | Natural |
| 380434-5 | .150 | .920 | .093 | Natural |
| 380481-1 | .090 | .830 | .093 | Natural |
| 380621-1 | .110 | .920 | .031 | Natural |

## LINE SPLICE CONNECTOR FOR "250" SERIES

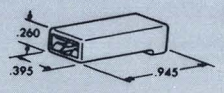
| SPLICE NUMBER | MATERIAL & FINISH | W | L MAX. | E MIN. |
|---|---|---|---|---|
| 321235 | Plastic tube over brass tab | .391 | 2.093 | .860 |
| 321688 | Plastic tube over tin plated brass tab | .390 | 2.093 | .860 |
| *1-321235-0 | Plastic tube over brass tab | .409 | 2.625 | 1.151 |
| *1-321235-1 | Plastic tube over tin plated brass tab | .409 | 2.625 | 1.151 |

*Recommended for U.L. applications.

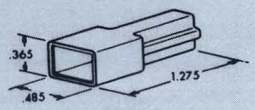
## LINE SPLICE CONNECTOR FOR "187" SERIES

| SPLICE NUMBER | MATERIAL & FINISH | W | L MAX. | E MIN. |
|---|---|---|---|---|
| 360035-1 | Natural Nylon tube over brass tab | .345 | 1.750 | — |

# 250
## FASTIN-FASTON Series Connectors




RECEPTACLE HOUSING




TAB HOUSING

### SINGLE CIRCUIT CONNECTORS (Housings)

| RECEPTACLE HOUSING NUMBER | TAB HOUSING NUMBER | COLOR | MATERIAL |
|---|---|---|---|
| 480054-1 | 480053-1 | Clear | Tenite |
| 480054-2 | 480053-2 | Black | Cycolac |
| 480054-3 | 480053-3 | Natural | Nylon |
| 480054-4 | 480053-4 | Black | Nylon |
| 480054-5 | 480053-5 | Red | Nylon |
| 480054-6 | 480053-6 | Green | Nylon |
| 480054-7 | 480053-7 | Blue | Nylon |
| 1-480302-1 | 1-480301-1 | Brown | Nylon |
| 1-480302-2 | 1-480301-2 | Yellow | Nylon |
| 1-480302-3 | 1-480301-3 | Orange | Nylon |

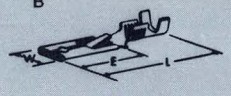
### RECEPTACLES


| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 42281-1 | 18-14 | .120/.160 | .016 | Brass | .032 | .295 | .750 | .305 | .080 |
| 42281-2 | 18-14 | .120/.160 | .016 | Tin Plated Brass | .032 | .295 | .750 | .305 | .080 |
| 42281-3 | 18-14 | .120/.160 | .016 | Silver Plated Brass | .032 | .295 | .750 | .305 | .080 |
| 60634-1* | 18-14 | .120/.160 | .016 | Brass | .032 | .295 | .750 | .305 | .080 |
| 42904-1 | 16-12 | .150/.190 | .016 | Brass | .032 | .295 | .750 | .305 | .080 |
| 42904-2 | 16-12 | .150/.190 | .016 | Tin Plated Brass | .032 | .295 | .750 | .305 | .080 |
| 42904-3 | 16-12 | .150/.190 | .016 | Silver Plated Brass | .032 | .295 | .750 | .305 | .080 |
| 61127-1 | 16-12 | .150/.190 | .016 | Nickel Plated Phos. Bronze | .032 | .295 | .750 | .305 | .080 |
| 60249-1 | 16-12 or (2) 16 | .160/.210 or (2) .130 max. | .016 | Brass | .032 | .295 | .750 | .305 | .080 |
| 60249-2 | 16-12 or (2) 16 | .160/.210 or (2) .130 max. | .016 | Tin Plated Brass | .032 | .295 | .750 | .305 | .080 |

*No front slot.

### TABS

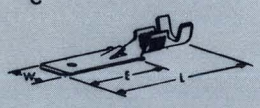
B




| TERMINAL NUMBER | STYLE | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | TAB THICK-NESS | W | L | E |
|---|---|---|---|---|---|---|---|---|---|
| 42460-1 | B | 18-14 | .120/.160 | .016 | Brass | .032 | .250 | 1.105 | .620 |
| 42460-2 | B | 18-14 | .120/.160 | .016 | Tin Plated Brass | .032 | .250 | 1.105 | .620 |
| 42460-3 | B | 18-14 | .120/.160 | .016 | Silver Plated Brass | .032 | .250 | 1.105 | .620 |
| 42460-4 | B | 18-14 | .120/.160 | .016 | Tin Plated Phos. Bronze | .032 | .250 | 1.105 | .620 |
| 60702-2 | B | 18-14 | .120/.170 | .016 | Brass | .032 | .250 | 1.105 | .620 |
| 60702-1 | B | 18-14 | .120/.170 | .016 | Tin Plated Brass | .032 | .250 | 1.105 | .620 |
| 60701-1 | B | 14-10 | .120/.170 | .016 | Tin Plated Brass | .032 | .250 | 1.105 | .620 |

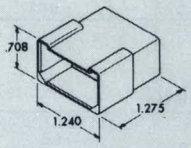
THE TABS LISTED BELOW ARE FOR USE BACK TO BACK WITH A COMBINED THICKNESS OF .032

C

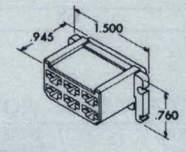



| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 42580-1 | C | 18-14 | .120/.145 | .016 | Brass | .016 | .250 | 1.100 | .620 |
| 42580-2 | C | 18-14 | .120/.145 | .016 | Tin Plated Brass | .016 | .250 | 1.100 | .620 |
| 42580-3 | C | 18-14 | .120/.145 | .016 | Silver Plated Brass | .016 | .250 | 1.100 | .620 |

# 250
## FASTIN-FASTON Series Connectors




TAB HOUSING



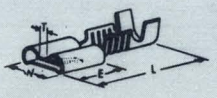

RECEPTACLE HOUSING

### SIX CIRCUIT CONNECTORS (Housings)

| RECEPTACLES HOUSING NUMBER | TAB HOUSING NUMBER | COLOR | MATERIAL |
|---|---|---|---|
| 480003-5 | 480004-5 | Natural | Nylon |
| 480194-1 | 480195-1 | Brown | Nylon |
| 480194-3 | 480195-3 | Yellow | Nylon |
| 480194-4 | 480195-4 | Green | Nylon |
| 480194-5 | 480195-5 | Blue | Nylon |
| 480194-7 | 480195-7 | Gray | Nylon |
| 480194-8 | 480195-8 | Black | Nylon |
| 480194-9 | 480195-9 | Red | Nylon |
| 1-480281-0* | 1-480282-0 | Black | Nylon |

*Same as 480194-8 except no mounting legs and copper stearate added in nylon material.
Mates with all tab housings listed above.

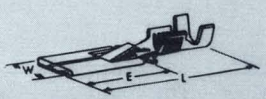
### RECEPTACLES

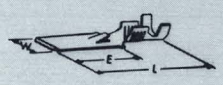



| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 60413-1 | 22-18 | .060/.100 | .012 | Tin Plated Brass | .032 | .295 | .750 | .305 | .035 |
| 60295-1 | 22-18 | .085/.125 | .012 | Brass | .032 | .295 | .750 | .305 | .035 |
| 60295-2 | 22-18 | .085/.125 | .012 | Tin Plated Brass | .032 | .295 | .750 | .305 | .035 |
| 61164-1* | 22-18 | .085/.125 | .012 | Tin Plated Brass | .032 | .293 | .750 | .305 | .035 |
| 61164-2* | 22-18 | .085/.125 | .012 | Pre-Tin Brass | .032 | .293 | .750 | .305 | .035 |
| 42100-1 | 18-14 | .120/.160 | .012 | Brass | .032 | .295 | .750 | .305 | .035 |
| 42100-2 | 18-14 | .120/.160 | .012 | Tin Plated Brass | .032 | .295 | .750 | .305 | .035 |
| 42100-3 | 18-14 | .120/.160 | .012 | Silver Plated Brass | .032 | .295 | .750 | .305 | .035 |
| 42100-4 | 18-14 | .120/.160 | .012 | Pre-Tin Brass | .032 | .293 | .750 | .305 | .035 |
| 60717-1* | 18-14 | .120/.160 | .012 | Brass | .032 | .295 | .750 | .305 | .035 |
| 60717-2* | 18-14 | .120/.160 | .012 | Tin Plated Brass | .032 | .295 | .750 | .305 | .035 |
| 42261-1 | 18-14 | .120/.160 | .012 | Nickel Plated Steel | .032 | .295 | .750 | .305 | .035 |
| 60253-1 | 16-12 or (2) 16 | .160/.210 or (2) .130 max. | .012 | Brass | .032 | .295 | .750 | .305 | .035 |
| 60253-2 | 16-12 or (2) 16 | .160/.210 or (2) .130 max. | .012 | Tin Plated Brass | .032 | .295 | .750 | .305 | .035 |
| 60253-3 | 16-12 or (2) 16 | .160/.210 or (2) .130 max. | .012 | Silver Plated Brass | .032 | .295 | .750 | .305 | .035 |

*No front slot and rib in lance.

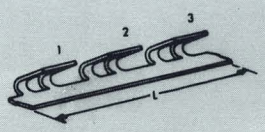
### TABS




| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 60412-1 | 22-18 | .060/.100 | .016 | Tin Plated Brass | .032 | .250 | 1.105 | .620 | — |
| 60294-1 | 22-18 | .085/.125 | .016 | Brass | .032 | .250 | 1.105 | .620 | — |
| 60294-2 | 22-18 | .085/.125 | .016 | Tin Plated Brass | .032 | .250 | 1.105 | .620 | — |
| 42098-1 | 18-14 | .120/.160 | .016 | Brass | .032 | .250 | 1.105 | .620 | — |
| 42098-2 | 18-14 | .120/.160 | .016 | Tin Plated Brass | .032 | .250 | 1.105 | .620 | — |
| 42098-3 | 18-14 | .120/.160 | .016 | Silver Plated Brass | .032 | .250 | 1.105 | .620 | — |
| THE TABS LISTED BELOW ARE FOR USE BACK TO BACK WITH A COMBINED THICKNESS OF .032 | | | | | | | | | |
| 42099-1 | 18-14 | .120/.145 | .016 | Brass | .032 | .250 | 1.105 | .620 | — |
| 42099-2 | 18-14 | .120/.145 | .016 | Tin Plated Brass | .032 | .250 | 1.105 | .620 | — |
| 42099-3 | 18-14 | .120/.145 | .016 | Silver Plated Brass | .032 | .250 | 1.105 | .620 | — |
| 42099-4 | 18-14 | .120/.145 | .016 | Pre-Tin Brass | .032 | .250 | 1.105 | .620 | — |

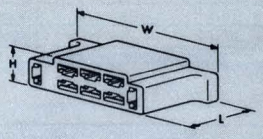
### BRIDGING SPRINGS (Used in 6 Circuit Tab Housings)

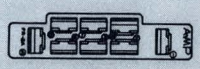


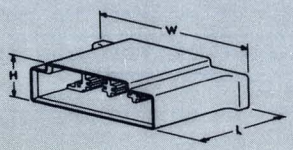

| SPRING NUMBER | MATERIAL | CONTACT POSITIONS | L | SPRING NUMBER | MATERIAL | CONTACT POSITIONS | L |
|---|---|---|---|---|---|---|---|
| 42135-1 | Brass | 1 2 3 | 1.135 | 42139-1 | Brass | 1 — — | 1.135 |
| 42135-2 | Tin Plated Brass | 1 2 3 | 1.135 | 42139-2 | Tin Plated Brass | 1 — — | 1.135 |
| 42136-1 | Brass | 1 2 — | 1.135 | 42140-1 | Brass | — 2 — | 1.135 |
| 42136-2 | Tin Plated Brass | 1 2 — | 1.135 | 42140-2 | Tin Plated Brass | — 2 — | 1.135 |
| 42137-1 | Brass | — 2 3 | 1.135 | 42141-1 | Brass | — — 3 | 1.135 |
| 42137-2 | Tin Plated Brass | — 2 3 | 1.135 | 42141-2 | Tin Plated Brass | — — 3 | 1.135 |
| 42138-1 | Brass | 1 — 3 | 1.135 | 60642-1* | Brass | 1 2 — | .950 |
| 42138-2 | Tin Plated Brass | 1 — 3 | 1.135 | 60648-1* | Brass | — 2 3 | .950 |

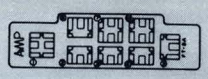
*Used to bridge Circuits 4, 5 and 6 only.

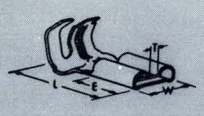
# 250
## FASTIN-FASTON Series Connectors








### EIGHT CIRCUIT CONNECTORS (Receptacle Housing)

| HOUSING NUMBER | COLOR | MATERIAL | W | H | L |
|---|---|---|---|---|---|
| 480173-1 | Natural | Nylon | 2.125 | .525 | .945 |

### PROPER TERMINAL PLACEMENT IN RECEPTACLE HOUSING

| CIRCUITS | TERMINAL* | LOCKING DIMPLE | WIRE RANGE | INSULATION RANGE |
|---|---|---|---|---|
| 1, 2, 3, 4, 7 & 8 | 42100 | No | 18-14 | .120/.160 |
| 1, 2, 3, 4, 7 & 8 | 60253 | No | 16-12 or (2) 16 | .160/.210 or (2) .130 max. |
| 1, 2, 3, 4, 7 & 8 | 60295 | No | 22-18 | .085/.125 |
| 1, 2, 3, 4, 7 & 8 | 60413 | No | 22-18 | .060/.100 |
| 1, 2, 3, 4, 7 & 8 | 60717** | No | 18-14 | .120/.160 |
| 5 & 6 | 42281 | Yes | 18-14 | .120/.160 |
| 5 & 6 | 42904 | Yes | 16-12 | .150/.190 |
| 5 & 6 | 60249 | Yes | 16-12 or (2) 16 | .160/.210 or (2) .130 max. |

*Note: For Dimensions, and Plating, refer to Terminal Specifications. **Rib in Lance and no Front Slot.

### TAB HOUSING

| HOUSING NUMBER | COLOR | MATERIAL | W | H | L |
|---|---|---|---|---|---|
| 480174-1 | Natural | Nylon | 2.240 | .640 | 1.275 |

### PROPER TERMINAL PLACEMENT IN TAB HOUSING

| CIRCUITS | TERMINAL* | LOCKING HOLE | WIRE RANGE | INSULATION RANGE |
|---|---|---|---|---|
| 1 thru 8 (all) | 42460 | Yes | 18-14 | .120/.160 |
| 1 thru 8 (all) | 60701 | Yes | 14-10 | .120/.170 |
| 1 thru 8 (all) | 60702 | Yes | 18-14 | .120/.170 |
| 1, 2, 3, 4, 7 & 8 | 42098 | No | 18-14 | .120/.160 |
| 1, 2, 3, 4, 7 & 8 | 60294 | No | 22-18 | .085/.125 |
| 1, 2, 3, 4, 7 & 8 | 60412 | No | 22-18 | .060/.100 |
| 1, 7 & 8 | 42099(Back to back) | No | 18-14 | .120/.145 |
| 1, 7 & 8 | 42580 (Back to back) | Yes | 18-14 | .120/.145 |

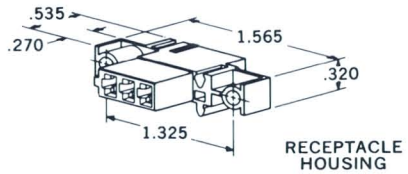
*Note: For Dimensions, and Plating, refer to Terminal Specifications.

### FLAG RECEPTACLE—for use with flag housings

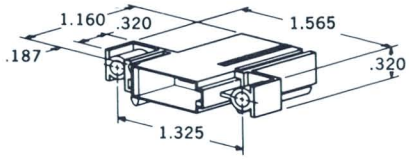
| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TAB | W | L MAX. | E | T |
|---|---|---|---|---|---|---|---|---|---|
| 42284-1 | 18-12 | .110/.210 | .016 | Brass | .032 | .297 | .670 | .305 | .065 |
| 42284-3 | 18-12 | .110/.210 | .016 | Silver Plated Brass | .032 | .297 | .670 | .305 | .065 |
| 42284-4 | 18-12 | .110/.210 | .016 | Phos. Bronze | .032 | .297 | .670 | .305 | .065 |
| 42284-5 | 18-12 | .110/.210 | .016 | Tin Plated Phos. Bronze | .032 | .297 | .670 | .305 | .065 |
| 42372-1** | 18-12 | .110/.210 | .016 | Brass | .032 | .318 | .670 | .305 | .120 |
| 42372-3** | 18-12 | .110/.210 | .016 | Phos. Bronze | .032 | .318 | .670 | .305 | .120 |
| 42372-4** | 18-12 | .110/.210 | .016 | Tin Plated Phos. Bronze | .032 | .318 | .670 | .305 | .120 |

**These receptacles to fit Faston tab affixed to .125 or .090 diameter pin.

# 187
## FASTIN-FASTON Modular Connectors




RECEPTACLE HOUSING




TAB HOUSING



### HOUSINGS

| RECEPTACLE HOUSING NUMBER | TAB HOUSING NUMBER | COLOR | MATERIAL |
|---|---|---|---|
| 1-480252-0 | 1-480251-0 | Natural | Nylon |
| 1-480252-1 | 1-480251-1 | Brown | Nylon |
| 1-480252-2 | 1-480251-2 | Orange | Nylon |
| 1-480252-3 | 1-480251-3 | Yellow | Nylon |
| 1-480252-4 | 1-480251-4 | Green | Nylon |
| 1-480252-5 | 1-480251-5 | Blue | Nylon |
| 1-480252-6 | 1-480251-6 | Violet | Nylon |
| 1-480252-7 | 1-480251-7 | Gray | Nylon |
| 1-480252-8 | 1-480251-8 | Black | Nylon |
| 1-480252-9 | 1-480251-9 | Red | Nylon |
| — | 2-480251-0* | Natural | Nylon |

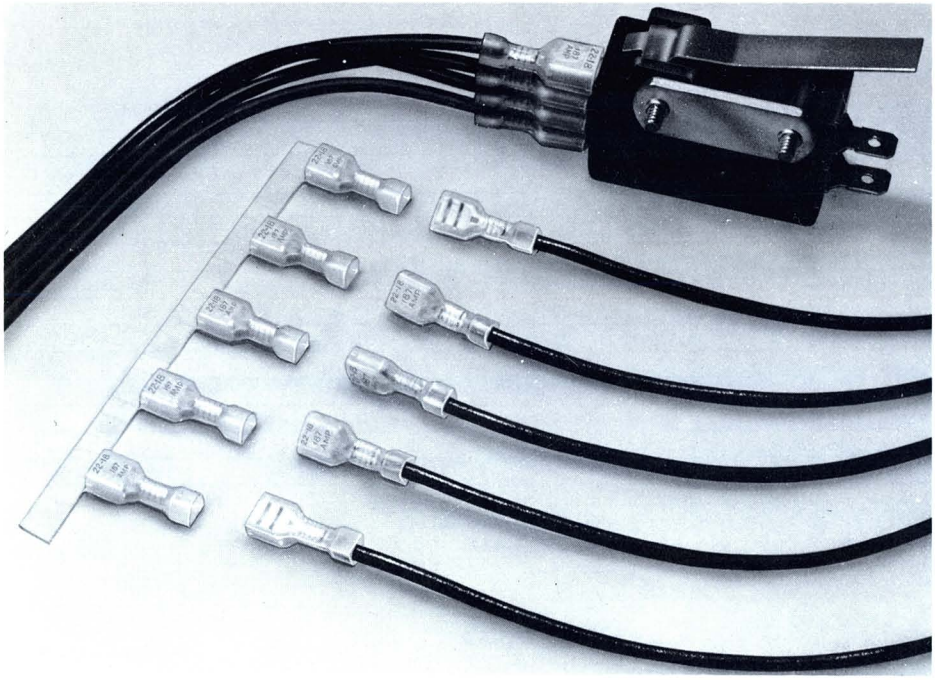
*Special mounting mates with all receptacle housings listed above.

### RECEPTACLES

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | FITS TABS | W | L | T |
|---|---|---|---|---|---|---|---|---|
| 60435-1 | 20-16 or (2) 20 | .090/.130 or (2) .110 max. | .012 | Pre-Tin Brass | .016 | .220 | .750 | .040 |
| 60435-3 | 20-16 or (2) 20 | .090/.130 or (2) .110 max. | .012 | Tin Plated Brass | .016 | .220 | .750 | .040 |

### TABS

| TERMINAL NUMBER | WIRE SIZE | INSULATION DIAMETER | STOCK THICK-NESS | MATERIAL & FINISH | TAB THICK-NESS | W | L |
|---|---|---|---|---|---|---|---|
| 60434-1 | 20-16 or (2) 20 | .090/.130 or (2) .110 max. | .016 | Pre-Tin Brass | .016 | .145 | .955 |
| 60434-3 | 20-16 or (2) 20 | .090/.130 or (2) .110 max. | .016 | Tin Plated Brass | .016 | .145 | .955 |



## Ultra-Fast Fully Insulated FASTON Receptacle

### Features

- One-piece fully insulated premier quality FASTON Receptacle
- Prevents shock and short hazards
- Insures correct lead-in of tab
- Insures full mating with a variety of tab styles including those with shoulders
- Funnel wire entry
- Wire stop
- Visual inspection of crimp
- Crimping die code
- Terminals are color coded by wire size
- Terminals contain wire size and tab size designation
- Application tooling available to meet production requirements

### Performance Capabilities

- Wire secureness meets UL 486
- Wire pull out (crimp tensile) UL 486
  22 AWG-10 lbs.
  20 AWG-16 lbs.
  18 AWG-20 lbs.
- 1,000 volt application capability

105°C, 600 volt recognized under the Component Program of Underwriters' Laboratories, Inc.

For detailed performance specifications see AMP Incorporated Product Specification 108–1043.

**Note:** All dimensions in inches.

**Specifications subject to change. Consult AMP Incorporated for latest design specifications.**

The Ultra-Fast fully insulated FASTON Receptacle offers the advantages of a completely protected terminal at the applied cost savings attainable with high speed automatic termination equipment and the elimination of secondary operations.

Ultra-Fast, fully insulated FASTON Receptacles preclude the need for costly electrical safety interlocks or special protective shields to prevent shock hazards. In addition, electrical short circuits from exposed leads are eliminated even in equipment requiring close contact spacing maximizing circuit density.

The Ultra-Fast receptacle features a preinsulated nylon housing which completely encloses a .016 brass, tin-plated FASTON Receptacle. The FASTON Receptacle is recessed sufficiently within the housing to allow it's use in 1,000 volt applications. The front end of the terminal is designed for positive mating with a variety of tabs, including those with "dam bar" shoulders. The housing has a slotted membrane which is displaced by the tab's shoulder allowing proper engagement of tab and receptacle dimple detents while maintaining the fully insulated characteristic.

Positive entry and lead-in of the tab is assured by the inner housing wall and the detent of the terminals lead-in rolls. This permits positive engagement, even in blind mating locations.

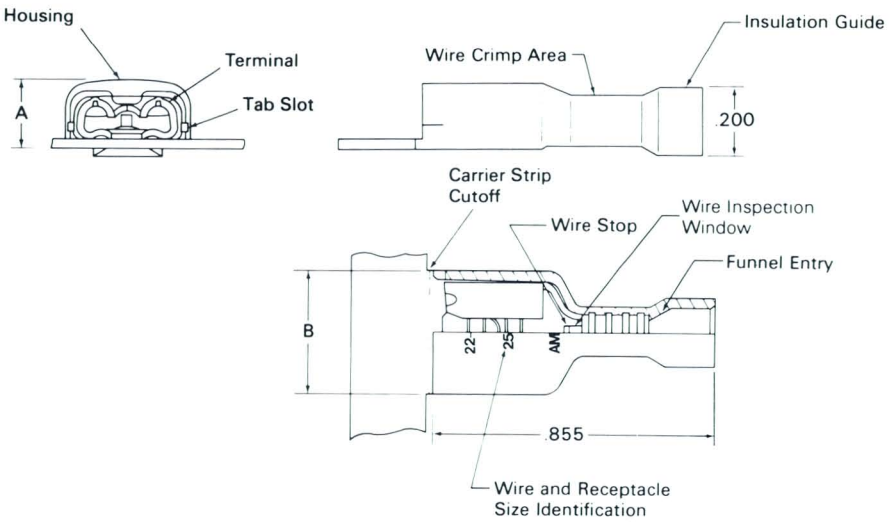
The funnel wire entry design prevents the wire strands from stubbing when the pre-stripped wire is inserted. The wire stop assures full insertion of the wire.

Quality control is easily maintained. The nylon housing is translucent allowing visual inspection of the termination. In addition, a crimp code is indented into the housing during the crimping operation which identifies that the proper crimp dies were used.

Depending on production requirements, AMP provides a complete selection of terminating equipment from the fully automatic AMPOMATOR lead making machine which measures, cuts, strips and terminates one or both ends of a lead at rates up to 3,900 per hour, depending on lead length, to precision engineered hand crimping tools for low volume applications.

For the exact application tooling to meet your production requirements, consult AMP Incorporated.

Ultra-Fast
Fully Insulated
FASTON Receptacle



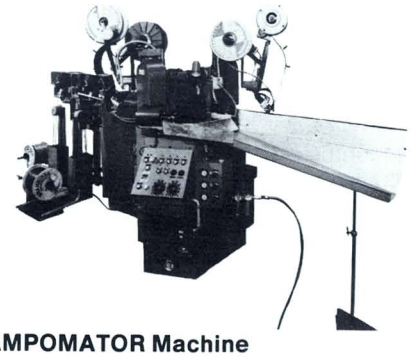

Material:
Housing—nylon type 6/6, Color Red (Translucent)
Terminal—Tin-plated brass

| Series | Wire Size | Ins. Dia. | Mating Tab | A | B | Strip Form Part No. | Loose Piece Part No. |
|---|---|---|---|---|---|---|---|
| .187 Series | 22-18 (stranded) | .135 | .020 x .187 | .175 | .300 | 2-350799-2 | 2-350800-2 |
| .250 Series | 22-18 (stranded) | .135 | .032 x .250 | .205 | .370 | 2-350803-2 | 2-350804-2 |

Application Tooling

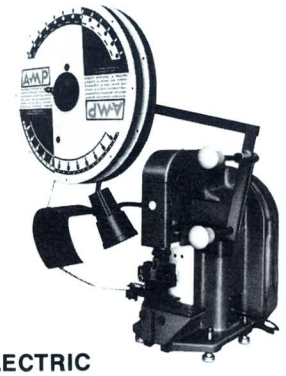
**CERTI-CRIMP Hand Tool**

For small production, prototype, experimental and servicing applications, CERTI-CRIMP hand tools are ideal. The ratchet device located between the tool handles keeps the tool pressure locked until the jaws are brought together under the precise pressure needed to form a perfect crimp.



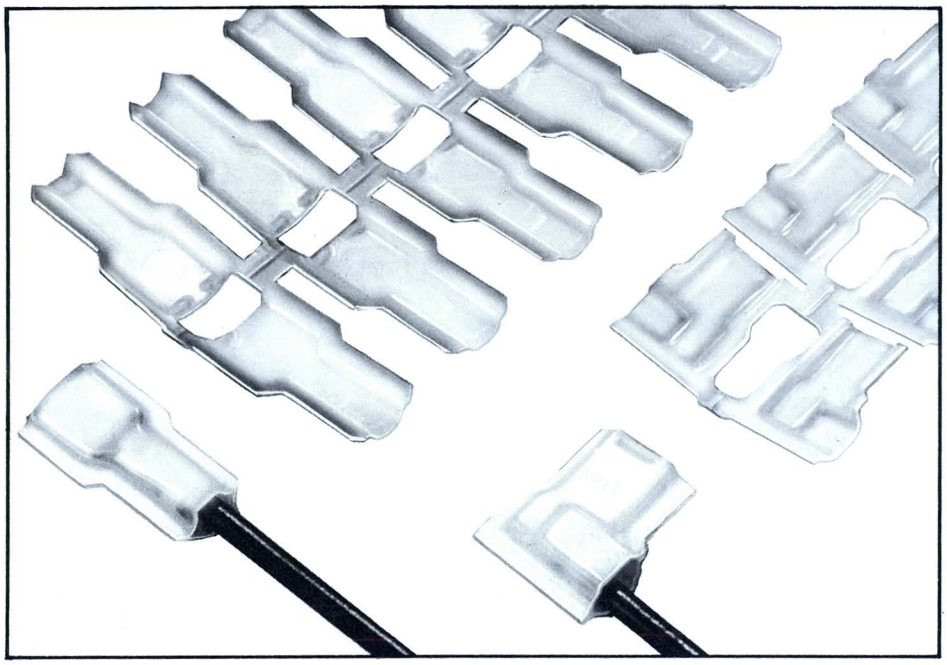
**AMPOMATOR Machine Model IV B**

The AMPOMATOR automatic lead making machine is a high speed, high volume production unit which automatically feeds, measures and cuts wire, then strips and terminates one or both ends of the wire. The machine features completely adjustable lead length, strip length and operating speed. It is capable of producing up to 3,900 doubly terminated leads an hour, depending upon lead length.




**AMP-O-LECTRIC Machine**

The AMP-O-LECTRIC semi-automatic terminating machine is an easily moved, bench mounted unit designed to terminate a variety of reel-stored, open or closed barrel AMP products. The machine operates on standard 100 volt ac power and is cycled by a foot pedal. Since it operates as fast as the operator can insert the wire, up to 1,000 uniform, top quality terminations per hour are possible. The machine features ease of maintenance and high reliability at the lowest possible applied cost.



## AMP Post Insulation ULTRAPODS

Now available for the first time anywhere, an insulation pod that can be applied automatically to straight- or flag-type receptacles. AMP's Post Insulation ULTRAPOD, with its automatic mode of application, offers a faster, better, less expensive method of insulating pre-terminated receptacles than any conventional method being used today. It, too, is a top-quality product, constructed of type 66 nylon. Both the type 66 nylon material and the product are recognized under the component program of Underwriters' Laboratories Inc. The product is recognized at +105°C and 300 volts in accordance with their standard No. 486.

Many additional features are built into the Post Insulation ULTRAPOD to assure optimum reliability and flexibility. Included are: a closed-entry front end to facilitate receptacle/tab mating; a design that eliminates the need for a special locking latch on the terminal; extreme compactness to permit smaller packaging; a versatile design which adapts to the most popular FASTON receptacles, including "187", "205" and "250" Series straight-types as well as flag-type versions; plus the ability of each design to accept a wide range of wire sizes and insulation diameters.

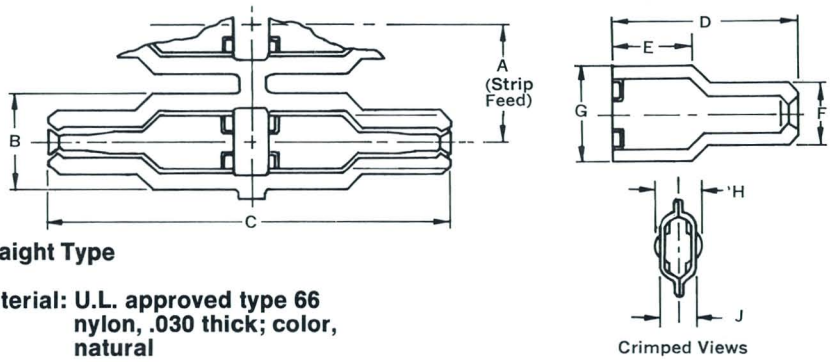
As with all AMP products, AUTOMATION is the key to this highly advanced post-insulating technique. A specially designed AMP machine is used to ultrasonically weld the pre-formed insulation pod around the receptacle and over a portion of the conductor to establish a tough, permanently installed dielectric which also gives added insulation support for the terminated lead. ULTRAPODS in strip form are automatically fed from a reel, folded over each terminal to be insulated, ultrasonically sealed and cut off the carrier strip in one continuous applicator operation. Used as a separate unit, this unique machine can apply ULTRAPODS to pre-terminated receptacles at speeds up to 2000 per hour. Where much higher production rates are required, however, it can be installed on AMP's fully automatic Dual Wire, Single End Lead Machine forming an integral part of the machine's conveyorized lead making process.

### FEATURES

- Automatic machine application for lowest possible installed cost.
- Ultrasonic welding provides tough, permanently installed dielectric.
- Translucent U.L. approved type 66 nylon.
- Rated 300 volts at +105°C per U.L. Specification No. 486.
- Closed-entry front end facilitates receptacle/tab mating.
- Design eliminates need for special locking latch on terminal.
- Compact design permits smaller packaging.
- Design adapts to popular "Economy" and "Premier" FASTON receptacles—"187", "205" and "250" Series straight-types; other designs available for flag-type receptacles upon request.
- Each design accepts wide range of wire sizes and insulation diameters.
- Confined terminal offers additional insulation support.
- **Recognized under the component program of Underwriters' Laboratories Inc. Electrical File E13288**

## Specifications

**Post Insulation ULTRAPODS**

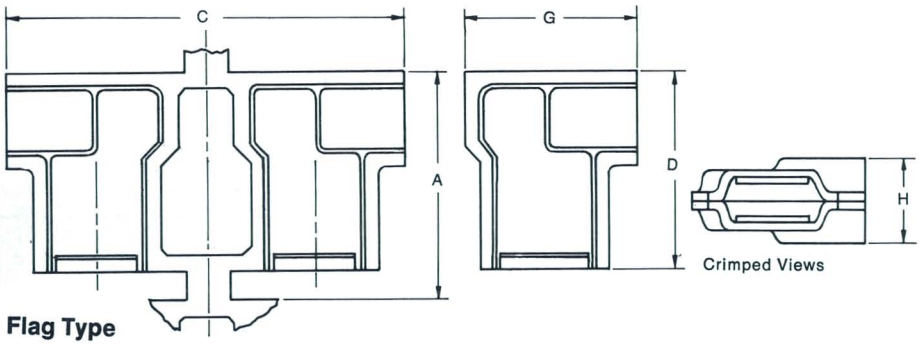



Crimped Views

### Straight Type

**Material: U.L. approved type 66 nylon, .030 thick; color, natural**

| Receptacle Application | Max. Insulation Dia. | Dimensions | | | | | | | | | Part Number |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | B | C | D | E | F | G | H | J | |
| "250" Series Straight-Type (Economy Line) | .170 | .600 | .480 | 2.130 | .970 | .415 | .375 | .500 | .245 | .195 | 360020-1 |
| "205" Series Straight-Type (Economy and Premier Line) | .170 | .540 | .420 | 1.850 | .820 | .375 | .375 | .440 | .240 | .170 | 360021-1 |
| "250" Series Straight-Type (Premier Line) | .170 | .600 | .480 | 2.130 | 1.005 | .480 | .350 | .500 | .245 | .210 | 360022-1 |
| "187" Series Straight-Type (Economy Line) | .145 | .540 | .390 | 1.850 | .820 | .375 | .330 | .410 | .215 | .165 | 360023-1 |



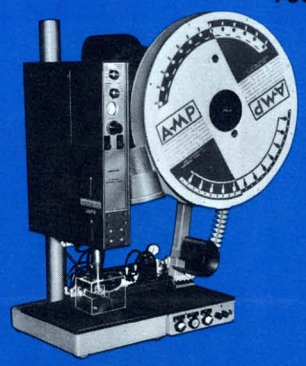

Crimped Views

### Flag Type

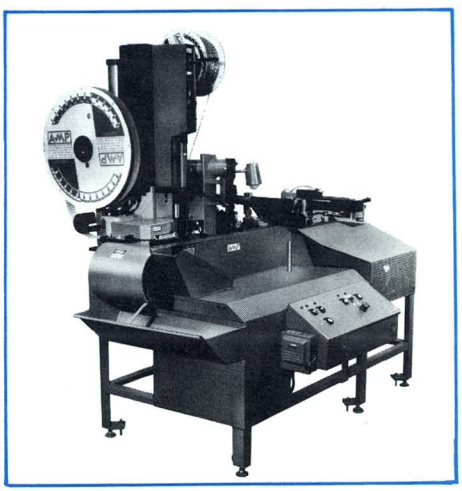
**Material: U.L. approved type 66 nylon, .030 thick; color, natural**

| Receptacle Application | Max. Insulation Dia. | Dimensions | | | | | | | | | Part Number |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | B | C | D | E | F | G | H | J | |
| "250" Series Flag-Type (Premier Line) | .210 | .750 | — | 1.430 | .730 | — | — | .630 | .280 | — | 360031 |
| "187" Series Flag-Type (Economy Line) | .170 | .710 | — | 1.110 | .610 | — | — | .370 | .250 | — | 360030 |

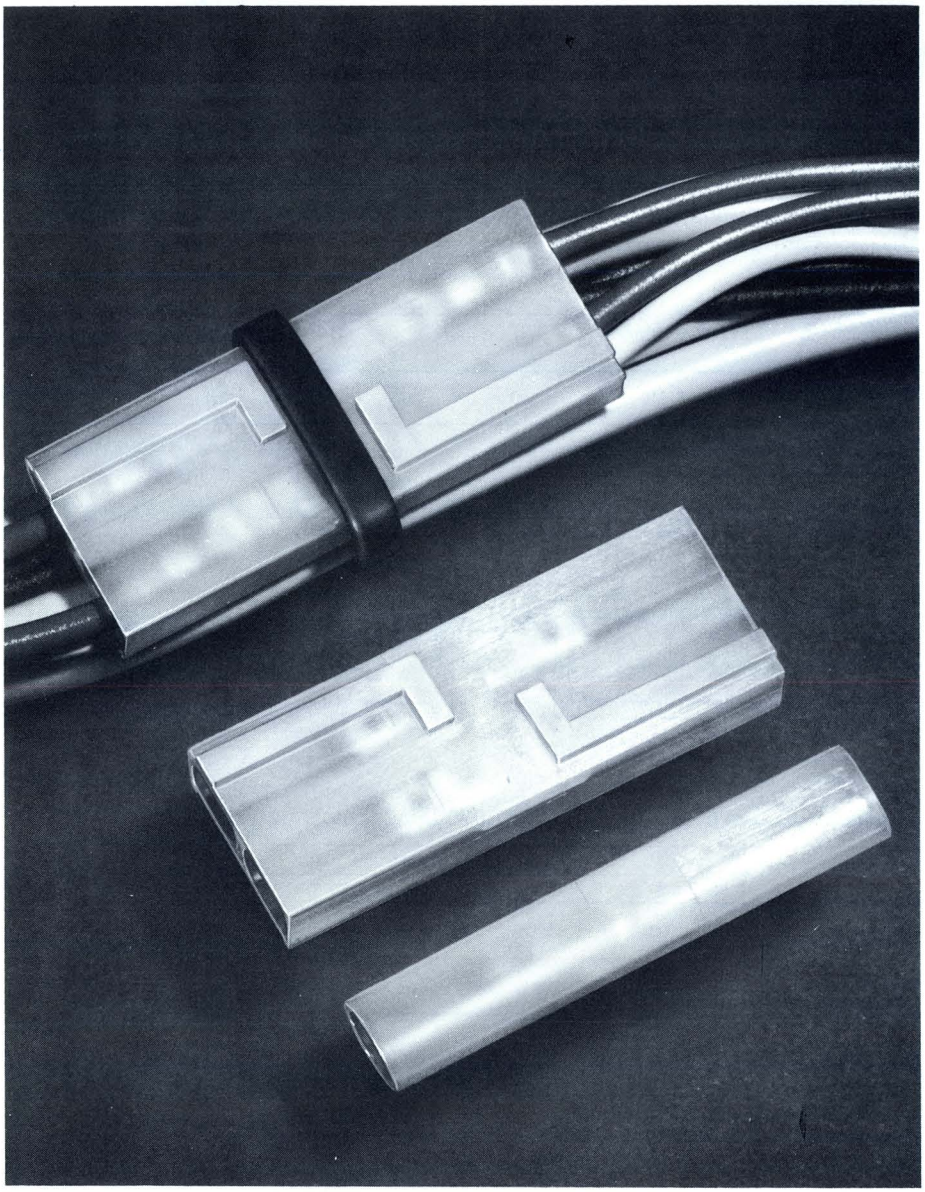
**Application Tooling**



This AMP machine is especially designed to apply strip form ULTRAPODS to pre-terminated FASTON receptacles. The insulation pods are automatically fed into the machine from a reel where each pod is folded over the terminal to be insulated, ultrasonically sealed and cut off the carrier strip. When used as a separate applicator where the terminated receptacles are hand fed into the machine, it can apply insulated pods to terminals at rates up to 2000 per hour. It also can be installed on an AMP Single End Lead Machine forming an integral part of the machine's fully automatic lead making process with a production capacity in excess of 3000 an hour.



**Special Application Connectors**



# AMP FASTON 187 Series Commoning Blocks and In-Line Splices

AMP FASTON 187 Series Commoning Blocks and In-Line Splices are unique time-saving products for connecting FASTON 187 Series receptacles, and for providing commoning points for later use. These commoning blocks and splices are especially useful in harness wiring where accessories may be added later without changing a standard harness.

Available in two position splices and four position blocks, these versatile connectors are commoned internally, and are designed to meet U.L. requirements. The four position blocks are stackable to provide extra versatility, and have a ridge so that an AMP-TY cable tie may be used to hold them to a cable bundle.

In addition to providing add-on capabilities to cable harnesses, the commoning blocks may also be used to common wires coming in from various points in a harness to one running straight through.

## Features

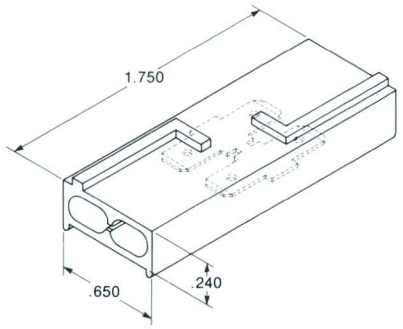
- Provides commoning points or add-on capabilities for later use in harness wiring
- Designed to meet U.L. requirements
- Saves time
- Four position blocks are stackable and have ridge for attaching to harnesses with AMP-TY cable ties
- One piece contact construction; commoned internally
- Accepts terminals on wires with insulation diameters up to .140″
- Wide range of complementary FASTON Tab and Receptacle products available

**Note:** All dimensions in inches.

**Specifications subject to change. Consult AMP Incorporated for latest design specifications.**

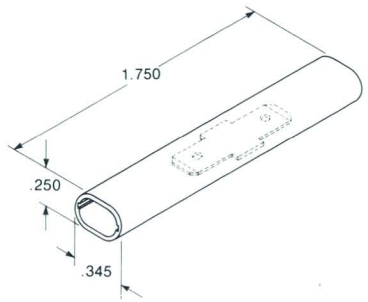
## Specifications

### FASTON 187 Series Commoning Block




**Part Number:** 360025-1
**Material:** 6/6 Nylon
**Color:** Natural
**Insulation Diameter:** .140" max.
**Tab Thickness:** .020"

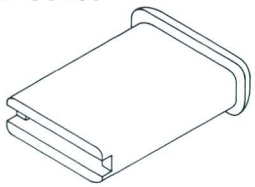
### FASTON 187 Series In-Line Splice




**Part Number:** 360035-1
**Material:** Thermoplastic
**Color:** Natural
**Insulation Diameter:** .160"
**Tab Thickness:** .020"

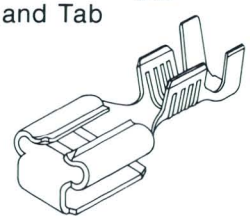
### Other FASTON Terminal Products

#### FASTON 187 Series Tab Cap



**Part Number:** 360041-1
**Material:** 6/6 Nylon
**Color:** Natural
**Fits any free-standing standard 187 Series tab, .020" thick**

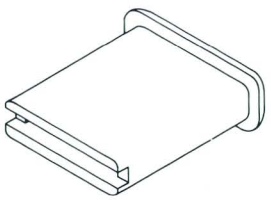
#### FASTON 250 Series Piggyback Receptacle and Tab



**Part Number:** **Unfinished**—62109-1;
**Tin plated**—62109-2
**Material:** Premilled brass—Receptacle thickness, .016"; Tab thickness, .032"
**Wire Size Range:** 18–14 AWG
**Insulation Diameter Range:** .120"–.170"

The FASTON Piggyback Receptacle and Tab features one-piece construction with a solid tab for greater strength. Both receptacle and tab ends fit standard 250 Series terminals.

#### FASTON 250 Series Tab Cap



**Part Number:** 360042-1
**Material:** 6/6 Nylon
**Color:** Natural
**Fits any standard 250 Series tab, .032" thick**

# Cross Reference

Printed Circuit Board (PCB) Receptacles — Section 14, Pages 146 and 147. Receptacles mounted in printed circuit board with configurations designed to accept .187 x .020 and .250 x .032 FASTON Tabs, plus various .250 x .016 thick terminals or prep-less termination of solid wire (24-22 AWG) using AMP's Insulation Displation Termination Technique.