

3M™ Specialty Wire Terminals Catalog



Easy-to-Install
High Performance
Terminals



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Specialty Wire Terminals, Kits and Tools

3M has been a leading supplier of terminals for more than 30 years. Our satisfied customers know our products for:

- Effective and reliable performance.
- Variety of types, sizes and materials that meet a broad application range, including the demands of temperature and weather.
- Design features assuring easy installation of 3M products—positive and easy wire insertion, virtually eliminates strand hang-ups and wire twisting, and easy insulation entry.



These are a few of the characteristics that help make the installer's job easier.

Our terminals allow for various insulation types (such as heat shrink, nylon, vinyl, or non-insulated). Various barrel styles are available (such as butted, brazed, seamless, or interlocking barrel). Additionally, our premier terminals come in bottle or bulk packaging.

3M™ Highland™ Terminals are either vinyl or nylon insulated with a butted seam. They come packaged in small quantities in reclosable plastic bags.

3M Terminals help accommodate the installer's needs.

Glossary of Terminals and Tools Terms

ADAPTERS

To interconnect two connectors already attached to wires.

BLOCK FORK

Same strength as the fork, but designed to use in terminal block because sides lie flat against barrier portion of terminal block.

BULLET STYLE SNAP PLUG

Similar advantages as disconnects. Gives reliable in-line connection because parts are made to have holding friction when joined. Usually for automotive use.

BUTT

Uses chamfered barrel ends to provide fast, easy wire insertion from both ends and a built-in wire stop for correct positioning. Must be crimped at both ends.

CLOSED-END

Used in situations requiring pigtail of two or more wires.

FLANGED FORK

Gives the benefit of both the block and locking forks. Stays secure should screw loosen.

FORK

Allows rapid connection of wire. Usually used on free-standing studs, because of wider tongues.

HOOK

Combines the security of the ring with the convenience of the forks.

LOCKING FORK

The spring-like tongue locks in place around the stud even when mount screw is not tightened. Extra force is required to remove from stud.

PARALLEL

Similar to butt with overlapped wires and single crimp in center of connector. Used where space is limited.

PINS

For installation in compression blocks. Used in Europe for terminating stranded wire.

QUICK CONNECT (DISCONNECT)

Attached to mating part by tongue of female part slipping over male tab. Use of dents and rolled edges on female part provides excellent holding force while allowing easy and quick disconnect.

RING

The standard style of tongue. The safest and most reliable 3M terminal. It cannot be removed unless mounting screw is removed.

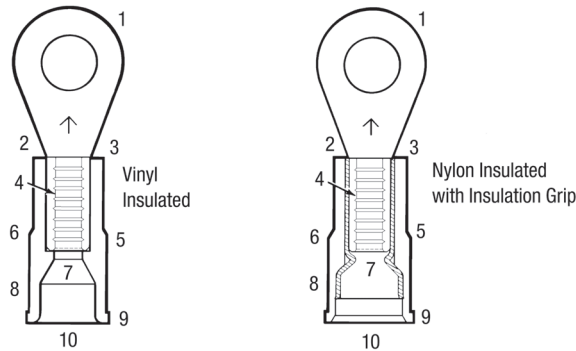
TAB

Uses mounting hole for rivet or screw.

TAP

No wire stripping is necessary, just lay wire in connector and crimp. Connection is made.

Standard Terminal Construction



3M™ Terminals provide a variety of design features assuring consistently effective, reliable performance and easy installation.

Please refer to the illustrations at the numbered locations for the attributes described below.

1. One-piece, burr-free construction provides maximum electrical conductivity. Electrical bright-tin plating gives maximum corrosion resistance. Annealing relieves stress points and provides maximum installed strength.
2. Barrel-to-pad transition design minimizes flexing and bending.
3. Open-end design permits visual inspection of wire location before and after crimping.
4. Maximum hold on wire comes from multiple “V” grooves in #22–4 AWG parts resulting in excellent holding power.
5. Injection molded insulations on terminals are the highest quality in the industry.
 - 221°F (105°C)* rated, tough, resistant electrical grade materials
 - Molding ensures consistent wall thickness for maximum reliability after crimping
 - Molding allows funnel barrel construction for easier installation
 - Molding offers the crimp ridge and non-slip ridge
6. Crimp ridge designed for positive location of tool on terminal barrel, resulting in few miscrimps.
7. Funnel barrel construction provides:
 - Positive, easy wire insertion
 - Virtually no hang-ups of wire strands
 - Wire twisting not necessary

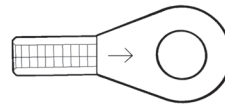
8. Nylon-insulated terminals with grip feature a brass sleeve. Sleeve provides optimum grip on insulation, strain relief and vibration protection. Brass sleeve is recessed which provides excellent flash-over protection.

9. Non-slip ridge so tool slides to correct position for a proper crimp and better workmanship.

10. Beveled leading edge for easy wire insulation entry.

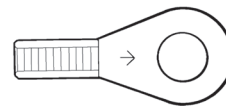
Barrel Styles

Non-Insulated Butted Seam



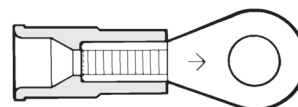
The most economical 3M terminal—used where special performance or installation characteristics are not needed. Beveled mouth facilitates wire insertion. Maximum temperature for bare terminals: 347°F (175°C).

Non-Insulated Brazed Seam



Beveled mouth facilitates wire insertion. Can be crimped anywhere on barrel surface. Silver brazed seam will not open under crimping pressure or operating stresses. Unlike butted seam parts, stranded wire cannot escape barrel confines during or after crimping. Maximum temperature for bare terminals: 347°F (175°C).

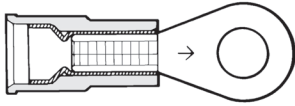
Vinyl Insulated Brazed and Butted Seams



Used where insulated barrel is necessary and desirable. Terminal consists of brazed or butted part with flared, rigid molded polyvinyl chloride sleeve securely attached and funneled for easy wire entry. Wire insulation positions itself against funnel portion of vinyl sleeve thus virtually eliminating strand hang-up. Crimping barrel and flared portion of sleeve provide excellent electrical contact plus mechanical stress relief at junction of insulation and barrel. Insulation has a non-slip ridge for ease of positioning crimping tool.

*Products made in U.S.A. only.

Nylon Insulated Butted Seam with Insulation Grip



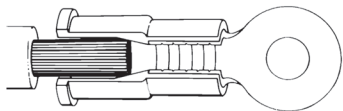
Used where insulated barrel and positive insulation grip are necessary or desirable. Terminal consists of butted seam part with flared, seamless brass sleeve securely attached and covered with flared, molded nylon sleeve. Wire insulation positions itself against funnel portion of brass sleeve. Crimping barrel and flared portion of sleeve provide excellent electrical contact plus mechanical stress relief at junction of insulation and barrel. Positioning crimp tool is nearly mistake proof due to a “step” in nylon insulation. Industry standard color coding indicates wire range. Insulators are rated at a continuous operating temperature range from -40°F to 221°F (-40°C to 105°C)*.

UL Listed and CSA Certified for 600V building wire and 1000V signs and lighting fixtures (luminaries)*.

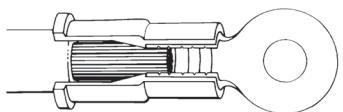
Installation Procedure

Funnel Barrel Feature provides an excellent electrical and mechanical connection.

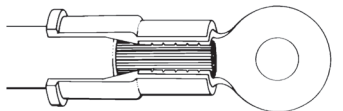
- Funnel design guides wire into position.



- No wire strand hang-up as the wire is inserted, giving a fast, positive installation.



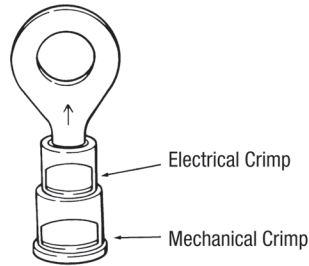
- Wire is in place, ready for crimping.



For maximum crimping performance, barrel of connector must be properly indexed in the crimp tool station.

*Products made in U.S.A. only.

Correct crimping is important to assure a strong connection.



Insulated Terminals and Connectors:



Non-Insulated Terminals and Connectors:

Indent should be opposite the barrel seam.

Heat Shrink Terminals, Connectors and Disconnects

3M™ Heat Shrink Pre-insulated Terminals, Connectors and Disconnects protect against the most challenging of environments, making the best moisture protection available. They offer several advantages over conventional unsealed products.

Corrosion Resistance

The adhesive-lined heat shrink material, when properly crimped and shrunk, provides a seal resistant to water, salt, steam and other related contaminants.

Improved Mechanical Performance

The adhesive-lined heat shrink tubing adheres, when shrunk, to both the connector and the wire insulation providing improved pullout strength and strain relief.

Durable Heat Shrink Tubing

Tough heat shrink tubing effectively resists abrasion, scoring, cut-through, and the effects of long-term aging.

Versatile and Easy to Use

3M heat shrink terminals, splices and disconnects are available in wire sizes 22–10 AWG and can be installed easily with a recommended tool and heat source. The connectors are color-coded for wire range identification and the transparent tubing allows for visual inspection.

Application Procedure for Heat Shrink Products:

1. Strip wires to appropriate length as indicated on package label.



2. Insert wire into terminal and crimp with correct station of a recommended tool.



3. Apply heat with a recommended heat source.



High Temperature Terminals and Connectors

3M™ High Temperature Terminals and Connectors are constructed of steel with a nickel plating. Their temperature rating for continuous use at 900°F (482°C) makes them ideal for use in ovens, motors, light fixtures and other applications where other connectors could corrode or melt.

There is no applicable UL or CSA standard for high temperature steel parts.

Standard Crimp Terminal and Connector Specifications

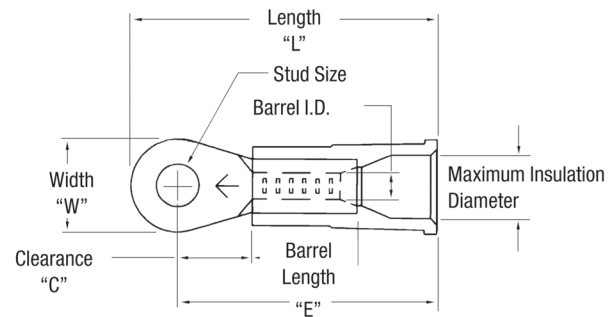
Materials

Crimp terminals and connectors are to be burr-free, annealed and bright-tin plated ETP copper. Barrels shall be 0.25" long with brazed seams where specified. Insulation grip sleeves are to be tin-plated brass and attached securely to the barrel. Terminal insulators are to be molded polyvinyl chloride or nylon, UL Listed and CSA Certified for 600V in building wire and 1000V in signs and lighting fixtures (luminaries)*. Connector insulators are to be extruded polyvinyl chloride or nylon with a temperature rating of 221°F (105°C)*.

Construction

Most insulated terminals are to have funnel entry construction* to prevent strand hang-up and a crimp ridge for proper tool location. Nylon insulated terminals and connectors are to have butted seam barrels with insulation grip sleeves. Terminal barrels are to have multiple “V” grooves for maximum conductor retention.

*Products made in U.S.A. only.



Note: All dimensions are measured in inches.

FREQUENTLY ASKED QUESTIONS

What does the insulation grip do?

The insulation grip provides a “second” crimp on the wire insulation providing additional wire strain relief. It’s excellent for high vibration applications.

What’s the difference between insulated and fully insulated disconnects?

Insulated disconnects have barrel insulation only and fully insulated disconnects are insulated from the barrel to the receptacle/tab.

What temperatures do 3M terminals withstand?

Non-insulated 3M terminals withstand temperatures up to 347°F (175°C). Insulated 3M terminals withstand temperatures up to 221°F (105°C).

3M™ Terminal Numbering System

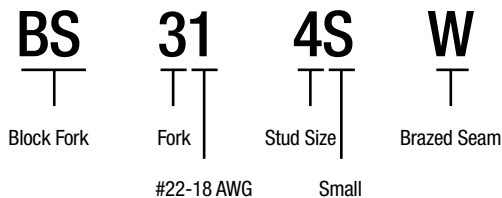
| Prefix | Terminal Style | Wire Gauge | Additions | Stud Size | Pattern | Diameter or Blade Size | Terminal Construction |
|-----------------------|------------------------------|----------------------------------------------|------------------------|-----------------|---------|-----------------------------|----------------------------|
| BS = Block Fork | 1 = Ring Tongue | 0 = #26-24 AWG, Yellow | C = Locking Clip | 0 = #0 | S=Small | 110-20 = 0.110 Blade | No Code = Butted Seam |
| HT = High Temperature | 2 = Flanged Fork | | F = Female | 2 = #2 | | 0.020 Stock | B = Insulation Grip |
| L = Long Neck | 3 = Fork or 3-Way | 1 = #22-18 AWG, Red | FF = Double Female | 4 = #4 | | 110-32 = 0.110 Blade | L = Fully Insulated |
| SS = Snap Fork | 4 = Hook or 4-Way | | I = Interlock Barrel | 6 = #6 | | 0.032 Stock | M = Moisture Resistant |
| T = T-Tap | 5 = Flag Ring | 2 = #16-14 AWG, Blue | M = Male | 8 = #8 | | 156 = 0.156 Bullet Diameter | N = Nylon Insulation |
| | 6 = Butt | | MF = Male Female | 10 = #10 | | 180 = 0.180 Bullet Diameter | NS = Nylon w/ Steel Sleeve |
| | 7 = Disconnect or Closed End | 3 = #12-10 AWG, Yellow | MM = Double Male | 14 = #1/4" | | 187-20 = 0.187 Blade | P = Vinyl Insulated |
| | 8 = Bullet Style or Pin | 4 = #8 AWG, Red | O = Open Barrel | 26 = #2, 4, 6 | | 0.020 Stock | S = Seamless |
| | 9 = Parallel | 5 = #6 AWG, Blue | SC = Semi-Closed | 38 = #3/8" | | 187-32 = 0.187 Blade | SN = Seamless Nylon |
| | 17 = Ring Tongue Tab | 6 = #4 AWG, Yellow | WN = Brazed Seam Nylon | 56 = #5/16" | | 0.032 Stock | SP = Seamless Vinyl |
| | 75 = Disconnect Flag | 12 = #12-10, Yellow | WP = Brazed Seam Vinyl | 58 = #5/8" | | 375-50 = 0.375 Blade | W = Brazed Seam |
| | 77 = Multi-Stack | 16 = #16-14, Blue | | 75 = #3/4" | | 0.050 Stock | |
| | | 18 = #18-10, White | | 500 = #1/2" | | | |
| | | 22 = #22-18, Red or #22-14, White" | | 610 = #6, 8, 10 | | | |
| | | "23 = #16-12 AWG, Yellow or #14-12 AWG, Red" | | 716 = #7/16" | | | |
| | | 0-3 = #16-14, 0.156 diameter | | | | | |

Product numbers ending with "-A" are made in Taiwan.

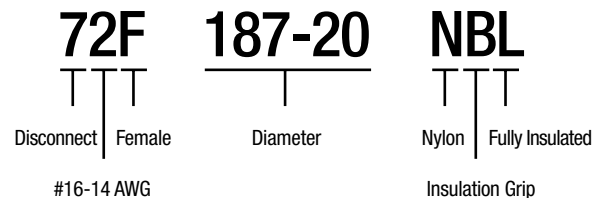
Map of Numbering System

Example:

Catalog Number: BS-31-4S-W
Non-Insulated Brazed Seam Block Fork





























Catalog Number: 71F-187-20-NBL
Nylon Insulated with Insulation Grip Female Disconnect



Insulator Color Coding

Yellow (26-24 AWG) Red (22-18 AWG) Blue (16-14 AWG) Yellow (12-10 AWG) Red (8 AWG) Blue (6 AWG) Yellow (4 AWG)

3M™ Terminal Stud Size Chart

| | Stud Size | | | 3M Terminal Hole Diameter | |
|------|-------------------------------------------------------------------------------------|---------------------|------------|-------------------------------------------------------------------------------------------------------|------------------|
| | US/Inches | Diameter | OUS/Metric | | |
| #2 |  | 0.086" (2,144 mm) | M2 |  2,0 mm (0.080") | 0.095" (2,4 mm) |
| #4 |  | 0.112" (2,844 mm) | M2,5 |  2,5 mm (0.100") | 0.120" (3,0 mm) |
| #5 |  | 0.125" (3,175 mm) | M3 |  3,0 mm (0.120") | 0.148" (3,8 mm) |
| #6 |  | 0.138" (3,505 mm) | M3,5 |  3,5 mm (0.140") | 0.148" (3,8 mm) |
| #8 |  | 0.164" (4,166 mm) | M4 |  4,0 mm (0.176") | 0.174" (4,4 mm) |
| #10 |  | 0.190" (4,826 mm) | M5 |  5,0 mm (0.20") | 0.200" (5,1 mm) |
| 1/4 |  | 0.250" (6,350 mm) | M6 |  6,0 mm (0.24") | 0.265" (6,7 mm) |
| 5/16 |  | 0.3125" (7,938 mm) | M8 |  8,0 mm (0.32") | 0.328" (8,3 mm) |
| 3/8 |  | 0.375" (9,525 mm) | M10 |  10,0 mm (0.40") | 0.397" (10,1 mm) |
| 7/16 |  | 0.4375" (11,113 mm) | M10 |  10,0 mm (0.48") | 0.450" (11,4 mm) |
| 1/2 |  | 0.500" (12,700 mm) | M12 |  12,0 mm (0.48") | 0.515" (13,1 mm) |
| 5/8 |  | 0.625" (15,875 mm) | M16 |  16,0 mm (0.64") | 0.656" (16,7 mm) |
| 3/4 |  | 0.750" (19,050 mm) | M18 |  18,0 mm (0.72") | 0.781" (19,8 mm) |

Ref: ISO 263-1973 for inch stud sizes and ISO 262-1973 for metric stud sizes.

American Wire Gauge



| Size | Inches | Millimeters | Size | Inches | Millimeters | Size | Inches | Millimeters |
|------|--------|-------------|------|--------|-------------|------|--------|-------------|
| 4/0 | 0.4600 | 11,684 | 4 | 0.2043 | 5,189 | 16 | 0.0508 | 1,290 |
| 3/0 | 0.4096 | 10,040 | 6 | 0.1620 | 4,115 | 18 | 0.0403 | 1,024 |
| 2/0 | 0.3648 | 9,266 | 8 | 0.1285 | 3,264 | 20 | 0.0320 | 0,813 |
| 1/0 | 0.3249 | 8,253 | 10 | 0.1019 | 2,588 | 22 | 0.0253 | 0,643 |
| 1 | 0.2893 | 7,347 | 12 | 0.0808 | 2,052 | 24 | 0.0201 | 0,511 |
| 2 | 0.2576 | 6,543 | 14 | 0.0641 | 1,628 | 26 | 0.0159 | 0,404 |

Specialty Wire Terminals, Kits and Tools

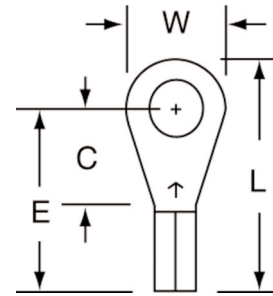
3M™ Terminals: 3M™ Ring Tongues

Non-Insulated Butted Seam Ring Tongue

Terminal Type Ring
 Terminal Style Standard
 Insulation Material Non-Insulated
 Barrel Style Butted
 RoHS 2011/65/EU Yes

Agency Approval  

Manufacturing Origin 




| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|
| 11-4S | 054007-27911 | 22 - 18 AWG | 4 | 0.25" | 0.22" | 0.60" | 0.47" | 0.030" | 0.070" |
| 11-6S | 054007-27913 | 22 - 18 AWG | 6 | 0.25" | 0.22" | 0.60" | 0.47" | 0.030" | 0.070" |
| 11-8 | 054007-27918 | 22 - 18 AWG | 8 | 0.33" | 0.29" | 0.70" | 0.54" | 0.030" | 0.070" |
| 11-10 | 054007-27920 | 22 - 18 AWG | 10 | 0.33" | 0.29" | 0.70" | 0.54" | 0.030" | 0.070" |
| L-11-10 | 054007-27921 | 22 - 18 AWG | 10 | 0.31" | 0.33" | 0.74" | 0.58" | 0.030" | 0.070" |
| 11-14S | 054007-27922 | 22 - 18 AWG | 1/4" | 0.47" | 0.40" | 0.89" | 0.65" | 0.030" | 0.070" |
| 11-56S | 054007-27924 | 22 - 18 AWG | 5/16" | 0.47" | 0.40" | 0.88" | 0.65" | 0.030" | 0.070" |
| 11-38 | 054007-27926 | 22 - 18 AWG | 3/8" | 0.56" | 0.40" | 0.93" | 0.65" | 0.030" | 0.070" |
| 12-4S | 054007-28314 | 16 - 14 AWG | 4 | 0.25" | 0.22" | 0.60" | 0.47" | 0.030" | 0.090" |
| 12-6S | 054007-28316 | 16 - 14 AWG | 6 | 0.25" | 0.22" | 0.60" | 0.47" | 0.030" | 0.090" |
| 12-8S | 054007-28319 | 16 - 14 AWG | 8 | 0.25" | 0.22" | 0.60" | 0.47" | 0.030" | 0.090" |
| 12-8 | 054007-28320 | 16 - 14 AWG | 8 | 0.33" | 0.29" | 0.70" | 0.54" | 0.030" | 0.090" |
| L-12-10 | 054007-28323 | 16 - 14 AWG | 10 | 0.31" | 0.33" | 0.74" | 0.58" | 0.030" | 0.090" |
| 12-10 | 054007-28322 | 16 - 14 AWG | 10 | 0.33" | 0.29" | 0.70" | 0.54" | 0.030" | 0.090" |
| 12-14S | 054007-28324 | 16 - 14 AWG | 1/4" | 0.47" | 0.40" | 0.89" | 0.65" | 0.030" | 0.090" |
| 12-56S | 054007-28326 | 16 - 14 AWG | 5/16" | 0.47" | 0.40" | 0.88" | 0.65" | 0.030" | 0.090" |
| 12-56 | 054007-28327 | 16 - 14 AWG | 5/16" | 0.56" | 0.40" | 0.93" | 0.65" | 0.030" | 0.090" |
| 12-38 | 054007-28328 | 16 - 14 AWG | 3/8" | 0.56" | 0.40" | 0.93" | 0.65" | 0.030" | 0.090" |
| 13-6S | 054007-28720 | 12 - 10 AWG | 6 | 0.28" | 0.29" | 0.68" | 0.54" | 0.040" | 0.135" |
| 13-6 | 054007-28721 | 12 - 10 AWG | 6 | 0.38" | 0.29" | 0.73" | 0.54" | 0.040" | 0.135" |
| 13-8 | 054007-28723 | 12 - 10 AWG | 8 | 0.38" | 0.29" | 0.73" | 0.54" | 0.040" | 0.135" |
| 13-10 | 054007-28724 | 12 - 10 AWG | 10 | 0.38" | 0.29" | 0.73" | 0.54" | 0.040" | 0.135" |
| 13-14S | 054007-28725 | 12 - 10 AWG | 1/4" | 0.53" | 0.44" | 0.96" | 0.69" | 0.040" | 0.135" |
| 13-14 | 054007-28726 | 12 - 10 AWG | 1/4" | 0.59" | 0.44" | 0.99" | 0.69" | 0.040" | 0.135" |
| 13-56S | 054007-28727 | 12 - 10 AWG | 5/16" | 0.53" | 0.44" | 0.96" | 0.69" | 0.040" | 0.135" |
| 13-56 | 054007-28728 | 12 - 10 AWG | 5/16" | 0.59" | 0.44" | 0.99" | 0.69" | 0.040" | 0.135" |
| 13-38 | 054007-28730 | 12 - 10 AWG | 3/8" | 0.59" | 0.44" | 0.99" | 0.69" | 0.040" | 0.135" |
| 13-500 | 054007-28732 | 12 - 10 AWG | 1/2" | 0.75" | 0.57" | 1.20" | 0.82" | 0.040" | 0.135" |


Specialty Wire Terminals, Kits and Tools

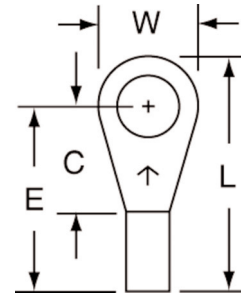
3M™ Terminals: 3M™ Ring Tongues

Non-Insulated Brazed Seam Ring Tongue

Terminal Type Ring
 Terminal Style Standard
 Insulation Material Non-Insulated
 Barrel Style Brazed
 RoHS 2011/65/EU Yes

Agency Approval  

Manufacturing Origin 



| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|
| 11-2S-W | 054007-27927 | 22 - 18 AWG | 2 | 0.25" | 0.23" | 0.60" | 0.48" | 0.030" | 0.070" |
| 11-4S-W | 054007-27928 | 22 - 18 AWG | 4 | 0.25" | 0.22" | 0.60" | 0.47" | 0.030" | 0.070" |
| 11-6S-W | 054007-27930 | 22 - 18 AWG | 6 | 0.25" | 0.22" | 0.60" | 0.47" | 0.030" | 0.070" |
| L-11-6-W | 054007-27933 | 22 - 18 AWG | 6 | 0.31" | 0.33" | 0.74" | 0.58" | 0.030" | 0.070" |
| 11-8-W | 054007-27935 | 22 - 18 AWG | 8 | 0.33" | 0.29" | 0.70" | 0.54" | 0.030" | 0.070" |
| L-11-8-W | 054007-27936 | 22 - 18 AWG | 8 | 0.31" | 0.33" | 0.74" | 0.58" | 0.030" | 0.070" |
| 11-10-W | 054007-27937 | 22 - 18 AWG | 10 | 0.33" | 0.29" | 0.70" | 0.54" | 0.030" | 0.070" |
| L-11-10-W | 054007-27938 | 22 - 18 AWG | 10 | 0.31" | 0.33" | 0.74" | 0.58" | 0.030" | 0.070" |
| 11-14S-W | 054007-27939 | 22 - 18 AWG | 1/4" | 0.47" | 0.40" | 0.89" | 0.65" | 0.030" | 0.070" |
| 11-56S-W | 054007-27941 | 22 - 18 AWG | 5/16" | 0.47" | 0.40" | 0.88" | 0.65" | 0.030" | 0.070" |
| 11-38-W | 054007-27943 | 22 - 18 AWG | 3/8" | 0.56" | 0.40" | 0.88" | 0.65" | 0.030" | 0.070" |
| 12-4S-W | 054007-28330 | 16 - 14 AWG | 4 | 0.25" | 0.22" | 0.60" | 0.47" | 0.030" | 0.090" |
| 12-6S-W | 054007-28332 | 16 - 14 AWG | 6 | 0.25" | 0.22" | 0.60" | 0.47" | 0.030" | 0.090" |
| 12-6-W | 054007-28333 | 16 - 14 AWG | 6 | 0.33" | 0.29" | 0.70" | 0.54" | 0.030" | 0.090" |
| L-12-6-W | 054007-28334 | 16 - 14 AWG | 6 | 0.31" | 0.33" | 0.74" | 0.58" | 0.030" | 0.090" |
| 12-8S-W | 054007-28335 | 16 - 14 AWG | 8 | 0.25" | 0.22" | 0.60" | 0.47" | 0.030" | 0.090" |
| 12-8-W | 054007-28336 | 16 - 14 AWG | 8 | 0.33" | 0.29" | 0.70" | 0.54" | 0.030" | 0.090" |
| L-12-8-W | 054007-28337 | 16 - 14 AWG | 8 | 0.31" | 0.33" | 0.74" | 0.58" | 0.030" | 0.090" |
| 12-10-W | 054007-28338 | 16 - 14 AWG | 10 | 0.33" | 0.29" | 0.70" | 0.54" | 0.030" | 0.090" |
| L-12-10-W | 054007-28339 | 16 - 14 AWG | 10 | 0.31" | 0.33" | 0.74" | 0.58" | 0.030" | 0.090" |
| 12-14S-W | 054007-28340 | 16 - 14 AWG | 1/4" | 0.47" | 0.40" | 0.89" | 0.65" | 0.030" | 0.090" |
| 12-14-W | 054007-28341 | 16 - 14 AWG | 1/4" | 0.56" | 0.40" | 0.93" | 0.65" | 0.030" | 0.090" |
| 12-38-W | 054007-28344 | 16 - 14 AWG | 3/8" | 0.56" | 0.40" | 0.93" | 0.65" | 0.030" | 0.090" |
| 12-56S-W | 054007-28342 | 16 - 14 AWG | 5/16" | 0.47" | 0.40" | 0.89" | 0.65" | 0.030" | 0.090" |
| 12-56-W | 054007-28343 | 16 - 14 AWG | 5/16" | 0.56" | 0.40" | 0.93" | 0.65" | 0.030" | 0.090" |
| 13-6S-W | 054007-28734 | 12 - 10 AWG | 6 | 0.28" | 0.29" | 0.68" | 0.54" | 0.040" | 0.135" |
| 13-6-W | 054007-28735 | 12 - 10 AWG | 6 | 0.38" | 0.29" | 0.73" | 0.54" | 0.040" | 0.135" |
| 13-8S-W | 054007-28736 | 12 - 10 AWG | 8 | 0.28" | 0.29" | 0.68" | 0.54" | 0.040" | 0.135" |
| 13-8-W | 054007-28737 | 12 - 10 AWG | 8 | 0.38" | 0.29" | 0.73" | 0.54" | 0.040" | 0.135" |
| 13-10-W | 054007-28738 | 12 - 10 AWG | 10 | 0.38" | 0.29" | 0.73" | 0.54" | 0.040" | 0.135" |
| 13-14S-W | 054007-28739 | 12 - 10 AWG | 1/4" | 0.54" | 0.44" | 0.96" | 0.69" | 0.040" | 0.135" |
| 13-14-W | 054007-28740 | 12 - 10 AWG | 1/4" | 0.59" | 0.44" | 0.99" | 0.69" | 0.040" | 0.135" |
| 13-56S-W | 054007-28741 | 12 - 10 AWG | 5/16" | 0.54" | 0.44" | 0.96" | 0.69" | 0.040" | 0.135" |
| 13-56-W | 054007-28742 | 12 - 10 AWG | 5/16" | 0.59" | 0.44" | 0.99" | 0.69" | 0.040" | 0.135" |
| 13-38S-W | 054007-28743 | 12 - 10 AWG | 3/8" | 0.54" | 0.44" | 0.96" | 0.69" | 0.040" | 0.135" |
| 13-38-W | 054007-28744 | 12 - 10 AWG | 3/8" | 0.59" | 0.44" | 0.99" | 0.69" | 0.040" | 0.135" |
| 13-500-W | 054007-28746 | 12 - 10 AWG | 1/2" | 0.75" | 0.57" | 1.19" | 0.82" | 0.040" | 0.135" |
| 14-10S-W | 054007-29074 | 8 AWG | 10 | 0.47" | 0.40" | 0.95" | 0.72" | 0.050" | 0.175" |



Specialty Wire Terminals, Kits and Tools

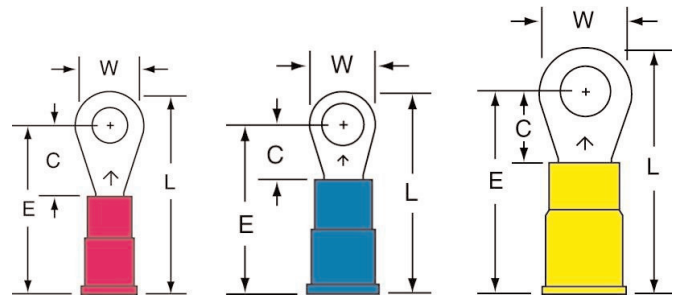
3M™ Terminals: 3M™ Ring Tongues

Non-Insulated Brazed Seam Ring Tongue (continued)

| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|
| 14-14S-W | 054007-29076 | 8 AWG | 1/4" | 0.47" | 0.40" | 0.95" | 0.72" | 0.050" | 0.175" |
| 14-56-W | 054007-29078 | 8 AWG | 5/16" | 0.59" | 0.45" | 1.06" | 0.77" | 0.050" | 0.175" |
| 14-38-W | 054007-29079 | 8 AWG | 3/8" | 0.59" | 0.45" | 1.06" | 0.77" | 0.050" | 0.175" |
| 14-716S-W | 054007-29080 | 8 AWG | 7/16" | 0.81" | 0.69" | 1.41" | 1.00" | 0.050" | 0.175" |
| 14-500-W | 000000-00000 | 8 AWG | 1/2" | 0.81" | 0.69" | 1.41" | 1.00" | 0.050" | 0.175" |
| 14-500S-W | 054007-29082 | 8 AWG | 1/2" | 0.81" | 0.69" | 1.41" | 1.00" | 0.050" | 0.175" |
| 15-10S-W | 054007-29102 | 6 AWG | 10 | 0.47" | 0.52" | 1.14" | 0.91" | 0.050" | 0.250" |
| 15-14S-W | 054007-29104 | 6 AWG | 1/4" | 0.47" | 0.52" | 1.14" | 0.91" | 0.050" | 0.250" |
| 15-56-W | 054007-29106 | 6 AWG | 5/16" | 0.63" | 0.52" | 1.22" | 0.91" | 0.050" | 0.250" |
| 15-38-W | 054007-29107 | 6 AWG | 3/8" | 0.63" | 0.52" | 1.22" | 0.91" | 0.050" | 0.250" |
| 15-500S-W | 054007-29110 | 6 AWG | 1/2" | 0.81" | 0.63" | 1.42" | 1.02" | 0.050" | 0.250" |
| 15-58-W | 054007-29112 | 6 AWG | 5/8" | 1.13" | 1.02" | 1.97" | 1.41" | 0.050" | 0.250" |
| 16-10-W | 054007-29130 | 4 AWG | 10 | 0.68" | 0.53" | 1.34" | 1.00" | 0.075" | 0.280" |
| 16-14-W | 054007-29131 | 4 AWG | 1/4" | 0.68" | 0.53" | 1.34" | 1.00" | 0.075" | 0.280" |
| 16-56-W | 054007-29132 | 4 AWG | 5/16" | 0.68" | 0.53" | 1.34" | 1.00" | 0.075" | 0.280" |
| 16-38-W | 054007-29133 | 4 AWG | 3/8" | 0.68" | 0.53" | 1.34" | 1.00" | 0.075" | 0.280" |
| 16-500S-W | 054007-29136 | 4 AWG | 1/2" | 0.68" | 0.53" | 1.34" | 1.00" | 0.075" | 0.280" |

Vinyl Insulated Butted Seam Ring Tongue

Terminal Type Ring
 Terminal Style Standard
 Insulation Material Vinyl
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 



| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|------------------|
| 11-4S-P | 054007-27894 | 22 - 18 AWG | 4 | 0.25" | 0.22" | 0.80" | 0.67" | 0.030" | 0.070" | 0.145" |
| 11-6S-P | 054007-27896 | 22 - 18 AWG | 6 | 0.25" | 0.22" | 0.80" | 0.67" | 0.030" | 0.070" | 0.145" |
| L-11-6-P | 054007-27899 | 22 - 18 AWG | 6 | 0.31" | 0.33" | 0.93" | 0.78" | 0.030" | 0.070" | 0.145" |
| 11-8S-P | 054007-27900 | 22 - 18 AWG | 8 | 0.25" | 0.22" | 0.80" | 0.67" | 0.030" | 0.070" | 0.145" |
| 11-8-P | 054007-27901 | 22 - 18 AWG | 8 | 0.33" | 0.29" | 0.90" | 0.74" | 0.030" | 0.070" | 0.145" |
| L-11-8-P | 054007-27902 | 22 - 18 AWG | 8 | 0.31" | 0.33" | 0.93" | 0.78" | 0.030" | 0.070" | 0.145" |
| 11-10-P | 054007-27903 | 22 - 18 AWG | 10 | 0.33" | 0.29" | 0.90" | 0.74" | 0.030" | 0.070" | 0.145" |
| L-11-10-P | 054007-27904 | 22 - 18 AWG | 10 | 0.31" | 0.33" | 0.93" | 0.78" | 0.030" | 0.070" | 0.145" |
| 11-14S-P | 054007-27905 | 22 - 18 AWG | 1/4" | 0.47" | 0.40" | 1.08" | 0.85" | 0.030" | 0.070" | 0.145" |
| 11-56S-P | 054007-27907 | 22 - 18 AWG | 5/16" | 0.47" | 0.40" | 1.08" | 0.85" | 0.030" | 0.070" | 0.145" |
| 11-38-P | 054007-27909 | 22 - 18 AWG | 3/8" | 0.56" | 0.40" | 1.13" | 0.85" | 0.030" | 0.070" | 0.145" |
| 12-4S-P | 054007-28298 | 16 - 14 AWG | 4 | 0.25" | 0.22" | 0.80" | 0.67" | 0.030" | 0.070" | 0.145" |
| 12-6S-P | 054007-28300 | 16 - 14 AWG | 6 | 0.25" | 0.22" | 0.80" | 0.67" | 0.030" | 0.070" | 0.145" |
| 12-6-P | 054007-28301 | 16 - 14 AWG | 6 | 0.33" | 0.29" | 0.90" | 0.74" | 0.030" | 0.090" | 0.170" |
| L-12-6-P | 054007-28302 | 16 - 14 AWG | 6 | 0.31" | 0.33" | 0.93" | 0.78" | 0.030" | 0.090" | 0.170" |


Specialty Wire Terminals, Kits and Tools

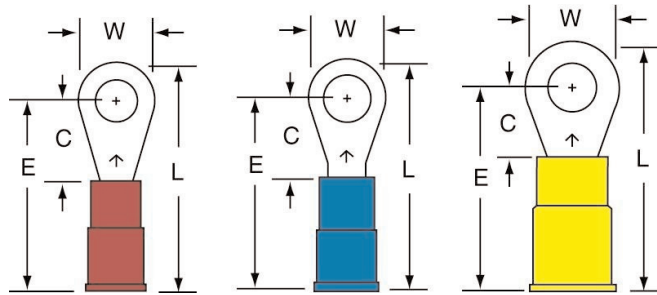
3M™ Terminals: 3M™ Ring Tongues

Vinyl Insulated Butted Seam Ring Tongue (continued)

| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|------------------|
| 12-8-P | 054007-28304 | 16 - 14 AWG | 8 | 0.33" | 0.29" | 0.90" | 0.74" | 0.030" | 0.070" | 0.145" |
| L-12-8-P | 054007-28305 | 16 - 14 AWG | 8 | 0.31" | 0.33" | 0.93" | 0.78" | 0.030" | 0.070" | 0.145" |
| 12-8S-P | 054007-28303 | 16 - 14 AWG | 8 | 0.25" | 0.22" | 0.80" | 0.67" | 0.030" | 0.070" | 0.145" |
| 12-10-P | 054007-28306 | 16 - 14 AWG | 10 | 0.33" | 0.29" | 0.90" | 0.74" | 0.030" | 0.070" | 0.145" |
| L-12-10-P | 054007-28307 | 16 - 14 AWG | 10 | 0.31" | 0.33" | 0.93" | 0.78" | 0.030" | 0.070" | 0.145" |
| 12-14S-P | 054007-28308 | 16 - 14 AWG | 1/4" | 0.47" | 0.40" | 1.08" | 0.85" | 0.030" | 0.070" | 0.145" |
| 12-14-P | 054007-28309 | 16 - 14 AWG | 1/4" | 0.56" | 0.40" | 1.13" | 0.85" | 0.030" | 0.090" | 0.170" |
| 12-56S-P | 054007-28310 | 16 - 14 AWG | 5/16" | 0.47" | 0.40" | 1.08" | 0.85" | 0.030" | 0.070" | 0.145" |
| 12-56-P | 054007-28311 | 16 - 14 AWG | 5/16" | 0.56" | 0.40" | 1.13" | 0.85" | 0.030" | 0.090" | 0.170" |
| 12-38-P | 054007-28312 | 16 - 14 AWG | 3/8" | 0.56" | 0.40" | 1.13" | 0.85" | 0.030" | 0.070" | 0.145" |
| 13-4S-P | 054007-28705 | 12 - 10 AWG | 4 | 0.28" | 0.29" | 0.98" | 0.84" | 0.040" | 0.135" | 0.250" |
| 13-6S-P | 054007-28706 | 12 - 10 AWG | 6 | 0.28" | 0.29" | 0.98" | 0.84" | 0.040" | 0.135" | 0.250" |
| 13-6-P | 054007-28707 | 12 - 10 AWG | 6 | 0.38" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" |
| 13-8S-P | 054007-28708 | 12 - 10 AWG | 8 | 0.28" | 0.29" | 0.98" | 0.84" | 0.040" | 0.135" | 0.250" |
| 13-8-P | 054007-28709 | 12 - 10 AWG | 8 | 0.38" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" |
| 13-10-P | 054007-28710 | 12 - 10 AWG | 10 | 0.38" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" |
| 13-14S-P | 054007-28711 | 12 - 10 AWG | 1/4" | 0.53" | 0.44" | 1.26" | 0.99" | 0.040" | 0.135" | 0.250" |
| 13-14-P | 054007-28712 | 12 - 10 AWG | 1/4" | 0.59" | 0.44" | 1.29" | 0.99" | 0.040" | 0.135" | 0.250" |
| 13-38S-P | 054007-28715 | 12 - 10 AWG | 3/8" | 0.54" | 0.44" | 1.26" | 0.99" | 0.040" | 0.135" | 0.250" |
| 13-56S-P | 054007-28713 | 12 - 10 AWG | 5/16" | 0.53" | 0.44" | 1.26" | 0.99" | 0.040" | 0.135" | 0.250" |
| 13-38-P | 054007-28716 | 12 - 10 AWG | 3/8" | 0.59" | 0.44" | 1.29" | 0.99" | 0.040" | 0.135" | 0.250" |
| 13-716-P | 054007-28717 | 12 - 10 AWG | 7/16" | 0.75" | 0.57" | 1.49" | 1.12" | 0.040" | 0.135" | 0.250" |
| 13-500-P | 054007-28718 | 12 - 10 AWG | 1/2" | 0.75" | 0.57" | 1.50" | 1.12" | 0.040" | 0.135" | 0.250" |

Nylon Insulated with Insulation Grip Ring Tongue

Terminal Type Ring
 Terminal Style Standard
 Insulation Material Nylon with Insulation Grip
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin  With U.S. and Global Content



| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|------------------|
| 11-4S-NB | 054007-27878 | 22 - 18 AWG | 4 | 0.25" | 0.22" | 0.79" | 0.66" | 0.030" | 0.070" | 0.145" |
| 11-6S-NB | 054007-27880 | 22 - 18 AWG | 6 | 0.25" | 0.22" | 0.79" | 0.66" | 0.030" | 0.070" | 0.145" |
| L-11-6-NB | 054007-27882 | 22 - 18 AWG | 6 | 0.31" | 0.33" | 0.92" | 0.77" | 0.030" | 0.070" | 0.145" |
| 11-8S-NB | 054007-27883 | 22 - 18 AWG | 8 | 0.25" | 0.22" | 0.79" | 0.66" | 0.030" | 0.070" | 0.145" |
| 11-8-NB | 054007-27884 | 22 - 18 AWG | 8 | 0.33" | 0.29" | 0.89" | 0.73" | 0.030" | 0.070" | 0.145" |
| L-11-8-NB | 054007-27885 | 22 - 18 AWG | 8 | 0.31" | 0.33" | 0.92" | 0.77" | 0.030" | 0.070" | 0.145" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Ring Tongues


Nylon Insulated with Insulation Grip Ring Tongue (continued)


| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|------------------|
| 11-10-NB | 054007-27886 | 22 - 18 AWG | 10 | 0.33" | 0.29" | 0.89" | 0.73" | 0.030" | 0.070" | 0.145" |
| L-11-10-NB | 054007-27887 | 22 - 18 AWG | 10 | 0.31" | 0.33" | 0.92" | 0.77" | 0.030" | 0.070" | 0.145" |
| 11-14S-NB | 054007-27888 | 22 - 18 AWG | 1/4" | 0.47" | 0.40" | 1.07" | 0.84" | 0.030" | 0.070" | 0.145" |
| 11-56S-NB | 054007-27890 | 22 - 18 AWG | 5/16" | 0.47" | 0.40" | 1.07" | 0.84" | 0.030" | 0.070" | 0.145" |
| 11-38-NB | 054007-27892 | 22 - 18 AWG | 3/8" | 0.56" | 0.40" | 1.12" | 0.84" | 0.030" | 0.070" | 0.145" |
| 12-4S-NB | 054007-28282 | 16 - 14 AWG | 4 | 0.25" | 0.22" | 0.81" | 0.68" | 0.030" | 0.090" | 0.170" |
| 12-6S-NB | 054007-28284 | 16 - 14 AWG | 6 | 0.25" | 0.22" | 0.81" | 0.68" | 0.030" | 0.090" | 0.170" |
| 12-6-NB | 054007-28285 | 16 - 14 AWG | 6 | 0.33" | 0.29" | 0.91" | 0.75" | 0.030" | 0.090" | 0.170" |
| L-12-6-NB | 054007-28286 | 16 - 14 AWG | 6 | 0.31" | 0.33" | 0.94" | 0.79" | 0.030" | 0.090" | 0.170" |
| 12-8-NB | 054007-28288 | 16 - 14 AWG | 8 | 0.33" | 0.29" | 0.91" | 0.75" | 0.030" | 0.090" | 0.170" |
| 12-8S-NB | 054007-28287 | 16 - 14 AWG | 8 | 0.25" | 0.22" | 0.81" | 0.68" | 0.030" | 0.090" | 0.170" |
| L-12-8-NB | 054007-28289 | 16 - 14 AWG | 8 | 0.31" | 0.33" | 0.94" | 0.79" | 0.030" | 0.090" | 0.170" |
| 12-10-NB | 054007-28290 | 16 - 14 AWG | 10 | 0.33" | 0.29" | 0.91" | 0.75" | 0.030" | 0.090" | 0.170" |
| L-12-10-NB | 054007-28291 | 16 - 14 AWG | 10 | 0.31" | 0.33" | 0.94" | 0.79" | 0.030" | 0.090" | 0.170" |
| 12-14-NB | 054007-28293 | 16 - 14 AWG | 1/4" | 0.56" | 0.40" | 1.14" | 0.86" | 0.030" | 0.090" | 0.170" |
| 12-14S-NB | 054007-28292 | 16 - 14 AWG | 1/4" | 0.47" | 0.40" | 1.09" | 0.86" | 0.030" | 0.090" | 0.170" |
| 12-56S-NB | 054007-28294 | 16 - 14 AWG | 5/16" | 0.47" | 0.40" | 1.09" | 0.86" | 0.030" | 0.090" | 0.170" |
| 12-56-NB | 054007-28295 | 16 - 14 AWG | 5/16" | 0.56" | 0.40" | 1.14" | 0.86" | 0.030" | 0.090" | 0.170" |
| 12-38-NB | 054007-28296 | 16 - 14 AWG | 3/8" | 0.56" | 0.40" | 1.14" | 0.86" | 0.030" | 0.090" | 0.170" |
| 13-4S-NB | 054007-28691 | 12 - 10 AWG | 4 | 0.28" | 0.29" | 0.98" | 0.84" | 0.040" | 0.135" | 0.250" |
| 13-6S-NB | 054007-28692 | 12 - 10 AWG | 6 | 0.28" | 0.29" | 0.98" | 0.84" | 0.040" | 0.135" | 0.250" |
| 13-6-NB | 054007-28693 | 12 - 10 AWG | 6 | 0.38" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" |
| 13-8S-NB | 054007-28694 | 12 - 10 AWG | 8 | 0.28" | 0.29" | 0.98" | 0.84" | 0.040" | 0.135" | 0.250" |
| 13-8-NB | 054007-28695 | 12 - 10 AWG | 8 | 0.38" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" |
| 13-10-NB | 054007-28696 | 12 - 10 AWG | 10 | 0.38" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" |
| 13-14S-NB | 054007-28697 | 12 - 10 AWG | 1/4" | 0.53" | 0.44" | 1.26" | 0.99" | 0.040" | 0.135" | 0.250" |
| 13-14-NB | 054007-28698 | 12 - 10 AWG | 1/4" | 0.59" | 0.44" | 1.29" | 0.99" | 0.040" | 0.135" | 0.250" |
| 13-56S-NB | 054007-28699 | 12 - 10 AWG | 5/16" | 0.53" | 0.44" | 1.26" | 0.99" | 0.040" | 0.135" | 0.250" |
| 13-56-NB | 054007-28700 | 12 - 10 AWG | 5/16" | 0.59" | 0.44" | 1.29" | 0.99" | 0.040" | 0.135" | 0.250" |
| 13-38S-NB | 054007-28701 | 12 - 10 AWG | 3/8" | 0.54" | 0.44" | 1.26" | 0.99" | 0.040" | 0.135" | 0.250" |
| 13-38-NB | 054007-28702 | 12 - 10 AWG | 3/8" | 0.59" | 0.44" | 1.29" | 0.99" | 0.040" | 0.135" | 0.250" |
| 13-716-NB | 054007-28703 | 12 - 10 AWG | 7/16" | 0.75" | 0.57" | 1.49" | 1.12" | 0.040" | 0.135" | 0.250" |
| 13-500-NB | 054007-28704 | 12 - 10 AWG | 1/2" | 0.75" | 0.57" | 1.50" | 1.12" | 0.040" | 0.135" | 0.250" |

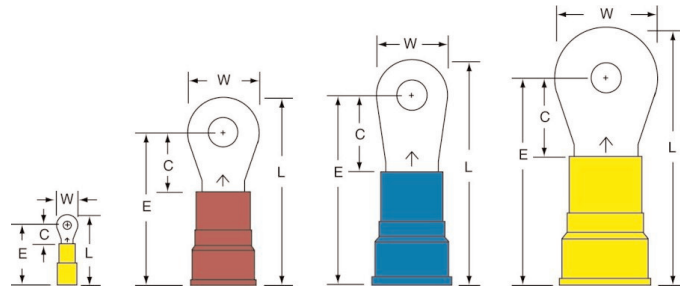
3M™ Terminals: 3M™ Ring Tongues

Nylon Insulated Brazed Seam Ring Tongue

Terminal Type Ring
 Terminal Style Standard
 Insulation Material Nylon
 Barrel Style Brazed
 RoHS 2011/65/EU Yes

Agency Approval 
 Except for 26 - 24 AWG Rings

Manufacturing Origin 




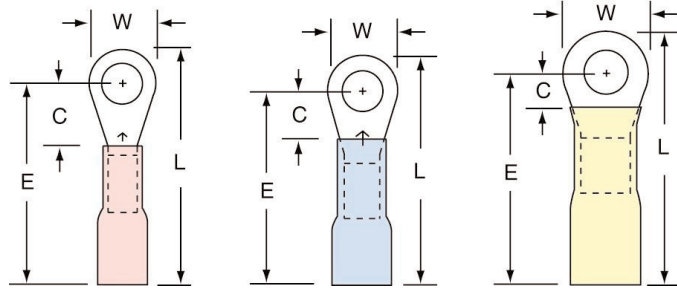
| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|------------------|
| 14-10S-WN | 054007-08231 | 8 AWG | 10 | 0.47" | 0.40" | 1.26" | 1.03" | 0.050" | 0.175" | 0.340" |
| 14-14S-WN | 054007-08233 | 8 AWG | 1/4" | 0.47" | 0.40" | 1.26" | 1.03" | 0.050" | 0.175" | 0.340" |
| 14-56-WN | 054007-08235 | 8 AWG | 5/16" | 0.59" | 0.45" | 1.38" | 1.08" | 0.050" | 0.175" | 0.340" |
| 14-38-WN | 054007-08236 | 8 AWG | 3/8" | 0.59" | 0.45" | 1.38" | 1.08" | 0.050" | 0.175" | 0.340" |
| 14-500S-WN | 054007-08239 | 8 AWG | 1/2" | 0.81" | 0.69" | 1.72" | 1.32" | 0.050" | 0.175" | 0.340" |
| 15-10S-WN | 054007-08243 | 6 AWG | 10 | 0.47" | 0.52" | 1.50" | 1.27" | 0.050" | 0.250" | 0.440" |
| 15-14S-WN | 054007-08245 | 6 AWG | 1/4" | 0.47" | 0.52" | 1.50" | 1.27" | 0.050" | 0.250" | 0.440" |
| 15-56-WN | 054007-08247 | 6 AWG | 5/16" | 0.63" | 0.52" | 1.58" | 1.27" | 0.050" | 0.250" | 0.440" |
| 15-38-WN | 054007-08248 | 6 AWG | 3/8" | 0.63" | 0.52" | 1.58" | 1.27" | 0.050" | 0.250" | 0.440" |
| 15-500S-WN | 054007-08251 | 6 AWG | 1/2" | 0.81" | 0.63" | 1.78" | 1.38" | 0.050" | 0.250" | 0.440" |
| 16-10-WN | 054007-08255 | 4 AWG | 10 | 0.68" | 0.53" | 1.74" | 1.41" | 0.075" | 0.280" | 0.515" |
| 16-14-WN | 054007-08256 | 4 AWG | 1/4" | 0.68" | 0.53" | 1.74" | 1.41" | 0.075" | 0.280" | 0.515" |
| 16-56-WN | 054007-08257 | 4 AWG | 5/16" | 0.68" | 0.53" | 1.74" | 1.41" | 0.075" | 0.280" | 0.515" |
| 16-38-WN | 054007-08258 | 4 AWG | 3/8" | 0.68" | 0.53" | 1.74" | 1.41" | 0.075" | 0.280" | 0.515" |
| 16-716S-WN | 054007-08259 | 4 AWG | 7/16" | 0.68" | 0.53" | 1.74" | 1.41" | 0.075" | 0.280" | 0.515" |
| 16-500S-WN | 054007-08261 | 4 AWG | 1/2" | 0.68" | 0.53" | 1.74" | 1.41" | 0.075" | 0.280" | 0.515" |
| 10-2-WN | 054007-95132 | 26 - 24 AWG | 2 | 0.14" | 0.12" | 0.47" | 0.40" | 0.020" | 0.030" | 0.093" |
| 10-4-WN | 054007-95138 | 26 - 24 AWG | 4 | 0.20" | 0.21" | 0.60" | 0.49" | 0.020" | 0.030" | 0.093" |
| 10-6-WN | 054007-95143 | 26 - 24 AWG | 6 | 0.20" | 0.21" | 0.60" | 0.49" | 0.020" | 0.030" | 0.093" |
| 10-8-WN | 054007-95158 | 26 - 24 AWG | 8 | 0.25" | 0.28" | 0.69" | 0.56" | 0.020" | 0.030" | 0.093" |
| 10-10-WN | 054007-95153 | 26 - 24 AWG | 10 | 0.25" | 0.28" | 0.69" | 0.56" | 0.020" | 0.030" | 0.093" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Ring Tongues

Heat Shrink Brazed Seam Ring Tongue

| | |
|----------------------|-----------------------------------------------------------------------------------|
| Terminal Type | Ring |
| Terminal Style | Standard |
| Insulation Material | Heat Shrink |
| Barrel Style | Brazed |
| RoHS 2011/65/EU | Yes |
| Manufacturing Origin |  |





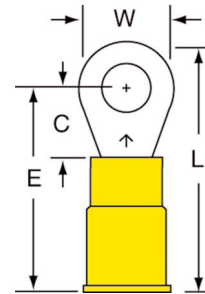
| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Terminals per Case |
|--------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|--------------------|
| MH18-6R/LX | 051128-58910 | 22 - 18 AWG | 6 | 0.31" | 0.15" | 1.00" | 0.84" | 0.030" | 0.070" | 125 |
| MH18-6R/LK | 054007-06345 | 22 - 18 AWG | 6 | 0.31" | 0.15" | 1.00" | 0.84" | 0.030" | 0.070" | 250 |
| MH18-8R/LX | 051128-58912 | 22 - 18 AWG | 8 | 0.31" | 0.18" | 1.00" | 0.84" | 0.030" | 0.070" | 125 |
| MH18-8R/LK | 054007-06349 | 22 - 18 AWG | 8 | 0.31" | 0.18" | 1.00" | 0.84" | 0.030" | 0.070" | 250 |
| MH18-10R/LX | 051128-58914 | 22 - 18 AWG | 10 | 0.31" | 0.20" | 1.00" | 0.84" | 0.030" | 0.070" | 125 |
| MH18-10R/LK | 054007-06351 | 22 - 18 AWG | 10 | 0.31" | 0.20" | 1.00" | 0.84" | 0.030" | 0.070" | 250 |
| MH14-6R/LX | 051128-58898 | 16 - 14 AWG | 6 | 0.31" | 0.15" | 1.00" | 0.84" | 0.030" | 0.090" | 125 |
| MH14-6R/LK | 054007-06321 | 16 - 14 AWG | 6 | 0.31" | 0.15" | 1.00" | 0.84" | 0.030" | 0.090" | 250 |
| MH14-8R/LX | 051128-58900 | 16 - 14 AWG | 8 | 0.31" | 0.18" | 1.00" | 0.84" | 0.030" | 0.090" | 125 |
| MH14-8R/LK | 054007-06325 | 16 - 14 AWG | 8 | 0.31" | 0.18" | 1.00" | 0.84" | 0.030" | 0.090" | 250 |
| MH14-10R/LX | 051128-58901 | 16 - 14 AWG | 10 | 0.31" | 0.20" | 1.00" | 0.84" | 0.030" | 0.090" | 125 |
| MH14-10R/LK | 054007-06327 | 16 - 14 AWG | 10 | 0.31" | 0.20" | 1.00" | 0.84" | 0.030" | 0.090" | 250 |
| MH14-14R/SX | 051128-58903 | 16 - 14 AWG | 1/4" | 0.47" | 0.26" | 1.10" | 0.86" | 0.030" | 0.090" | 125 |
| MH14-14R/SK | 054007-06331 | 16 - 14 AWG | 1/4" | 0.47" | 0.26" | 1.10" | 0.86" | 0.030" | 0.090" | 250 |
| MH14-516R/SX | 051128-58906 | 16 - 14 AWG | 5/16" | 0.47" | 0.33" | 1.10" | 0.86" | 0.030" | 0.090" | 125 |
| MH14-516R/SK | 054007-06337 | 16 - 14 AWG | 5/16" | 0.47" | 0.33" | 1.10" | 0.86" | 0.030" | 0.090" | 250 |
| MH14-38RX | 051128-58905 | 16 - 14 AWG | 3/8" | 0.56" | 0.28" | 1.10" | 0.87" | 0.030" | 0.090" | 125 |
| MH14-38RK | 054007-06335 | 16 - 14 AWG | 3/8" | 0.56" | 0.28" | 1.10" | 0.87" | 0.030" | 0.090" | 250 |
| MH10-8RX | 051128-58888 | 12 - 10 AWG | 8 | 0.38" | 0.19" | 1.10" | 0.91" | 0.040" | 0.145" | 125 |
| MH10-8RK | 054007-06303 | 12 - 10 AWG | 8 | 0.38" | 0.19" | 1.10" | 0.91" | 0.040" | 0.145" | 250 |
| MH10-10RX | 051128-58890 | 12 - 10 AWG | 10 | 0.38" | 0.21" | 1.10" | 0.90" | 0.040" | 0.145" | 125 |
| MH10-10RK | 054007-06306 | 12 - 10 AWG | 10 | 0.38" | 0.21" | 1.10" | 0.90" | 0.040" | 0.145" | 250 |
| MH10-14RX | 051128-58892 | 12 - 10 AWG | 1/4" | 0.59" | 0.29" | 1.20" | 0.90" | 0.040" | 0.145" | 125 |
| MH10-14RK | 054007-06359 | 12 - 10 AWG | 1/4" | 0.59" | 0.29" | 1.20" | 0.90" | 0.040" | 0.145" | 250 |
| MH10-38RX | 051128-58894 | 12 - 10 AWG | 3/8" | 0.59" | 0.29" | 1.20" | 0.90" | 0.040" | 0.145" | 125 |
| MH10-38RK | 054007-06313 | 12 - 10 AWG | 3/8" | 0.59" | 0.29" | 1.20" | 0.90" | 0.040" | 0.145" | 250 |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Ring Tongues



Heavy-Duty Nylon Insulated with Insulation Grip Ring Tongue

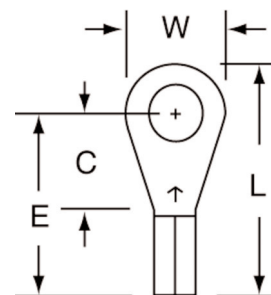
Terminal Type Ring
Terminal Style Standard
Insulation Material Nylon with Insulation Grip
Barrel Style Butted
RoHS 2011/65/EU Yes
Agency Approval 
Manufacturing Origin 



| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|------------------|
| 123-6S-NB | 054007-28901 | 16 - 12 AWG | 6 | 0.28" | 0.29" | 0.98" | 0.84" | 0.050" | 0.110" | 0.250" |
| 123-8S-NB | 054007-28903 | 16 - 12 AWG | 8 | 0.28" | 0.29" | 0.98" | 0.84" | 0.050" | 0.110" | 0.250" |
| 123-10-NB | 054007-28905 | 16 - 12 AWG | 10 | 0.38" | 0.29" | 1.03" | 0.84" | 0.050" | 0.110" | 0.250" |
| 123-14-NB | 054007-28907 | 16 - 12 AWG | 1/4" | 0.61" | 0.44" | 1.29" | 0.99" | 0.050" | 0.110" | 0.250" |
| 123-56-NB | 054007-28909 | 16 - 12 AWG | 5/16" | 0.61" | 0.44" | 1.29" | 0.99" | 0.050" | 0.110" | 0.250" |
| 123-38-NB | 054007-28911 | 16 - 12 AWG | 3/8" | 0.61" | 0.44" | 1.29" | 0.99" | 0.050" | 0.110" | 0.250" |
| 123-716-NB | 054007-28912 | 16 - 12 AWG | 7/16" | 0.75" | 0.57" | 1.49" | 1.12" | 0.050" | 0.110" | 0.250" |
| 123-500-NB | 054007-28913 | 16 - 12 AWG | 1/2" | 0.75" | 0.57" | 1.50" | 1.12" | 0.050" | 0.110" | 0.250" |

Heavy-Duty Non-Insulated Butted Seam Ring Tongue

Terminal Type Ring
Terminal Style Standard
Insulation Material Nylon with Insulation Grip
Barrel Style Butted
RoHS 2011/65/EU Yes
Agency Approval 
Manufacturing Origin 




| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|
| 123-8 | 054007-28932 | 16 - 12 AWG | 8 | 0.38" | 0.29" | 0.73" | 0.54" | 0.050" | 0.110" |
| 123-10 | 054007-28933 | 16 - 12 AWG | 10 | 0.38" | 0.29" | 0.73" | 0.54" | 0.050" | 0.110" |
| 123-14 | 054007-28935 | 16 - 12 AWG | 1/4" | 0.61" | 0.44" | 0.99" | 0.69" | 0.050" | 0.110" |
| 123-56 | 054007-28937 | 16 - 12 AWG | 5/16" | 0.61" | 0.44" | 0.99" | 0.69" | 0.050" | 0.110" |
| 123-38 | 054007-28939 | 16 - 12 AWG | 3/8" | 0.61" | 0.44" | 0.99" | 0.69" | 0.050" | 0.110" |


Specialty Wire Terminals, Kits and Tools

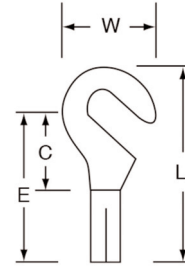
3M™ Terminals: 3M™ Hook Tongues

Non-Insulated Butted Seam Hook Tongue

Terminal Type Hook
 Terminal Style Standard
 Insulation Material Non-Insulated
 Barrel Style Butted
 RoHS 2011/65/EU Yes

Agency Approval 


Manufacturing Origin 




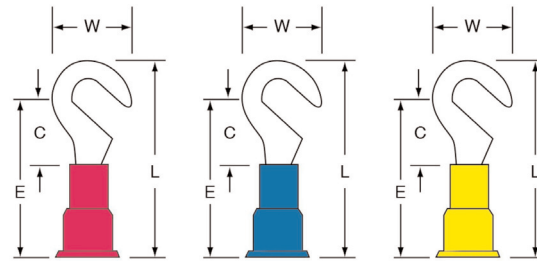
| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|
| 41-8 | 054007-28236 | 22 - 18 AWG | 8 | 0.33" | 0.29" | 0.70" | 0.54" | 0.030" | 0.070" |
| 42-8 | 054007-28635 | 16 - 14 AWG | 8 | 0.33" | 0.29" | 0.70" | 0.54" | 0.030" | 0.090" |
| 42-10 | 054007-28636 | 16 - 14 AWG | 10 | 0.33" | 0.29" | 0.70" | 0.54" | 0.030" | 0.090" |
| 43-8 | 054007-28858 | 12 - 10 AWG | 8 | 0.38" | 0.29" | 0.73" | 0.54" | 0.040" | 0.135" |
| 43-10 | 054007-28859 | 12 - 10 AWG | 10 | 0.38" | 0.29" | 0.73" | 0.54" | 0.040" | 0.135" |

Vinyl Insulated Butted Seam Hook Tongue

Terminal Type Hook
 Terminal Style Standard
 Insulation Material Vinyl
 Barrel Style Butted
 RoHS 2011/65/EU Yes

Agency Approval 

Manufacturing Origin 





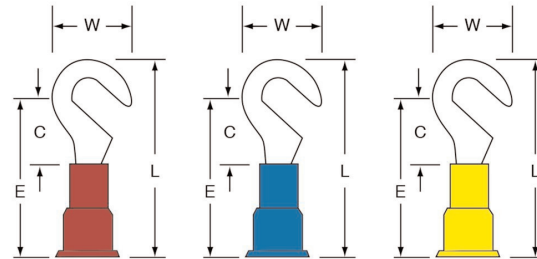
| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|
| 41-8-P | 054007-28233 | 22 - 18 AWG | 8 | 0.33" | 0.29" | 0.90" | 0.74" | 0.030" | 0.070" |
| 41-10-P | 054007-28234 | 22 - 18 AWG | 10 | 0.33" | 0.29" | 0.90" | 0.74" | 0.030" | 0.070" |
| 42-6-P | 054007-28631 | 16 - 14 AWG | 6 | 0.33" | 0.29" | 0.90" | 0.74" | 0.030" | 0.090" |
| 42-8-P | 054007-28632 | 16 - 14 AWG | 8 | 0.33" | 0.29" | 0.90" | 0.74" | 0.030" | 0.090" |
| 42-10-P | 054007-28633 | 16 - 14 AWG | 10 | 0.33" | 0.29" | 0.90" | 0.74" | 0.030" | 0.090" |
| 43-8-P | 054007-28855 | 12 - 10 AWG | 8 | 0.38" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" |
| 43-10-P | 054007-28856 | 12 - 10 AWG | 10 | 0.38" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Hook Tongues

Nylon Insulated with Insulation Grip Hook Tongue



Terminal Type Hook
 Terminal Style Standard
 Insulation Material Nylon with Insulation Grip
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 

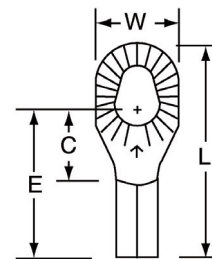


| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|
| 41-6-NB | 054007-28229 | 22 - 18 AWG | 6 | 0.33" | 0.29" | 0.90" | 0.73" | 0.030" | 0.070" |
| 41-8-NB | 054007-28230 | 22 - 18 AWG | 8 | 0.33" | 0.29" | 0.90" | 0.73" | 0.030" | 0.070" |
| 41-10-NB | 054007-28231 | 22 - 18 AWG | 10 | 0.33" | 0.29" | 0.90" | 0.73" | 0.030" | 0.070" |
| 42-6-NB | 054007-28628 | 16 - 14 AWG | 6 | 0.33" | 0.29" | 0.92" | 0.75" | 0.030" | 0.090" |
| 42-8-NB | 054007-28629 | 16 - 14 AWG | 8 | 0.33" | 0.29" | 0.92" | 0.75" | 0.030" | 0.090" |
| 42-10-NB | 054007-28630 | 16 - 14 AWG | 10 | 0.33" | 0.29" | 0.92" | 0.75" | 0.030" | 0.090" |
| 43-6-NB | 054007-28851 | 12 - 10 AWG | 6 | 0.38" | 0.29" | 1.03" | 0.89" | 0.040" | 0.135" |
| 43-8-NB | 054007-28852 | 12 - 10 AWG | 8 | 0.38" | 0.29" | 1.03" | 0.89" | 0.040" | 0.135" |
| 43-10-NB | 054007-28853 | 12 - 10 AWG | 10 | 0.38" | 0.29" | 1.03" | 0.89" | 0.040" | 0.135" |

3M™ Terminals: 3M™ Multi-Stud Ring Tongues

Non-Insulated Butted Seam Multi-Stud Ring Tongue

Terminal Type Ring
 Terminal Style Multi-Stud
 Insulation Material Non-Insulated
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 





| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|
| 12-610 | 054007-29642 | 16 - 14 AWG | 6, 8, 10 | 0.34" | 0.31" | 0.81" | 0.56" | 0.030" | 0.090" |
| 13-610 | 054007-29646 | 12 - 10 AWG | 6, 8, 10 | 0.39" | 0.35" | 0.89" | 0.60" | 0.040" | 0.135" |


Specialty Wire Terminals, Kits and Tools

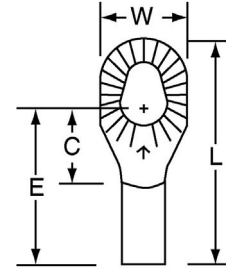
3M™ Terminals: 3M™ Multi-Stud Ring Tongues

Non-Insulated Brazed Seam Multi-Stud Ring Tongue

Terminal Type Ring
 Terminal Style Multi-Stud
 Insulation Material Non-Insulated
 Barrel Style Butted
 RoHS 2011/65/EU Yes

Agency Approval  



Manufacturing Origin 




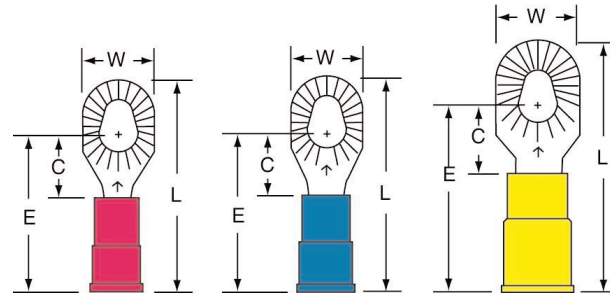
| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|
| 11-610-W | 054007-29639 | 22 - 18 AWG | 6, 8, 10 | 0.34" | 0.31" | 0.81" | 0.56" | 0.030" | 0.070" |
| 12-610-W | 054007-29670 | 16 - 14 AWG | 6, 8, 10 | 0.34" | 0.31" | 0.81" | 0.56" | 0.030" | 0.090" |
| 13-610-W | 054007-29647 | 12 - 10 AWG | 6, 8, 10 | 0.39" | 0.35" | 0.89" | 0.60" | 0.040" | 0.135" |

Vinyl Insulated Butted Seam Multi-Stud Ring Tongue

Terminal Type Ring
 Terminal Style Multi-Stud
 Insulation Material Vinyl
 Barrel Style Butted
 RoHS 2011/65/EU Yes

Agency Approval  

Manufacturing Origin 





| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|------------------|
| 11-610-P | 054007-29640 | 22 - 18 AWG | 6, 8, 10 | 0.34" | 0.31" | 1.01" | 0.76" | 0.030" | 0.070" | 0.145" |
| 12-26-P | 054007-29898 | 16 - 14 AWG | 2, 4, 6 | 0.28" | 0.28" | 0.94" | 0.73" | 0.030" | 0.090" | 0.170" |
| 12-610-P | 054007-29643 | 16 - 14 AWG | 6, 8, 10 | 0.34" | 0.31" | 1.01" | 0.76" | 0.030" | 0.090" | 0.170" |
| 13-610-P | 054007-29648 | 12 - 10 AWG | 6, 8, 10 | 0.39" | 0.35" | 1.19" | 0.80" | 0.040" | 0.135" | 0.250" |


Specialty Wire Terminals, Kits and Tools

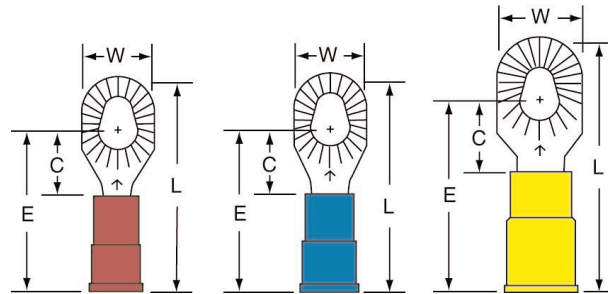
3M™ Terminals: 3M™ Multi-Stud Ring Tongues

Nylon Insulated with Insulation Grip Multi-Stud Ring Tongue

Terminal Type Ring
 Terminal Style Multi-Stud
 Insulation Material Nylon with Insulation Grip
 Barrel Style Butted
 RoHS 2011/65/EU Yes

Agency Approval  

Manufacturing Origin 






| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|------------------|
| 11-26-NB | 054007-29901 | 22 - 18 AWG | 2, 4, 6 | 0.28" | 0.28" | 0.93" | 0.72" | 0.030" | 0.070" | 0.145" |
| 11-610-NB | 054007-29641 | 22 - 18 AWG | 6, 8, 10 | 0.34" | 0.31" | 1.00" | 0.75" | 0.030" | 0.070" | 0.145" |
| 12-26-NB | 054007-29902 | 16 - 14 AWG | 2, 4, 6 | 0.28" | 0.28" | 0.95" | 0.74" | 0.030" | 0.090" | 0.170" |
| 12-610-NB | 054007-29644 | 16 - 14 AWG | 6, 8, 10 | 0.34" | 0.31" | 1.02" | 0.77" | 0.030" | 0.090" | 0.170" |
| 13-610-NB | 054007-29649 | 12 - 10 AWG | 6, 8, 10 | 0.39" | 0.35" | 1.19" | 0.80" | 0.040" | 0.135" | 0.250" |

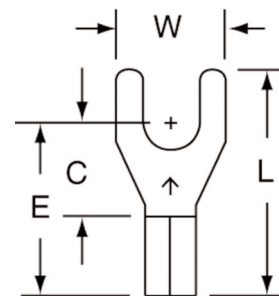
3M™ Terminals: 3M™ Standard Forks

Non-Insulated Butted Seam Standard Fork

Terminal Type Fork
 Terminal Style Standard
 Insulation Material Non-Insulated
 Barrel Style Butted
 RoHS 2011/65/EU Yes

Agency Approval  

Manufacturing Origin 





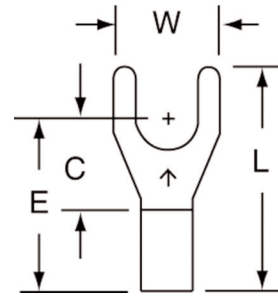
| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|
| 32-10 | 054007-28451 | 16 - 14 AWG | 10 | 0.34" | 0.29" | 0.70" | 0.54" | 0.030" | 0.090" |
| 33-8 | 054007-28774 | 12 - 10 AWG | 8 | 0.38" | 0.29" | 0.73" | 0.54" | 0.040" | 0.135" |
| 33-10 | 054007-28775 | 12 - 10 AWG | 10 | 0.38" | 0.29" | 0.73" | 0.54" | 0.040" | 0.135" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Standard Forks



Non-Insulated Brazed Seam Standard Fork

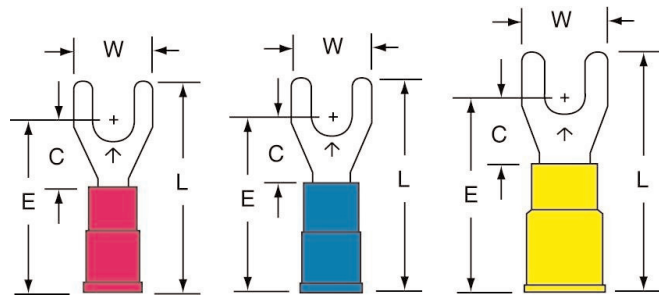
Terminal Type Fork
 Terminal Style Standard
 Insulation Material Non-Insulated
 Barrel Style Brazed
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 



| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|
| 31-6-W | 054007-28056 | 22 - 18 AWG | 6 | 0.34" | 0.29" | 0.70" | 0.54" | 0.030" | 0.070" |
| 31-8-W | 054007-28058 | 22 - 18 AWG | 8 | 0.34" | 0.29" | 0.70" | 0.54" | 0.030" | 0.070" |
| 31-10-W | 054007-28060 | 22 - 18 AWG | 10 | 0.34" | 0.29" | 0.70" | 0.54" | 0.030" | 0.070" |
| 32-6-W | 054007-28453 | 16 - 14 AWG | 6 | 0.34" | 0.29" | 0.70" | 0.54" | 0.030" | 0.090" |
| 32-8-W | 054007-28455 | 16 - 14 AWG | 8 | 0.34" | 0.29" | 0.70" | 0.54" | 0.030" | 0.090" |
| 32-10-W | 054007-28457 | 16 - 14 AWG | 10 | 0.34" | 0.29" | 0.70" | 0.54" | 0.030" | 0.090" |
| 33-6-W | 054007-28776 | 12 - 10 AWG | 6 | 0.38" | 0.29" | 0.73" | 0.54" | 0.040" | 0.135" |
| 33-8-W | 054007-28777 | 12 - 10 AWG | 8 | 0.38" | 0.29" | 0.73" | 0.54" | 0.040" | 0.135" |
| 33-10-W | 054007-28778 | 12 - 10 AWG | 10 | 0.38" | 0.29" | 0.73" | 0.54" | 0.040" | 0.135" |

Vinyl Insulated Butted Seam Standard Fork

Terminal Type Fork
 Terminal Style Standard
 Insulation Material Vinyl
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 





| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|------------------|
| 31-6-P | 054007-28044 | 22 - 18 AWG | 6 | 0.34" | 0.29" | 0.90" | 0.74" | 0.030" | 0.070" | 0.145" |
| 31-8-P | 054007-28046 | 22 - 18 AWG | 8 | 0.34" | 0.29" | 0.90" | 0.74" | 0.030" | 0.070" | 0.145" |
| 31-10-P | 054007-28048 | 22 - 18 AWG | 10 | 0.34" | 0.29" | 0.90" | 0.74" | 0.030" | 0.070" | 0.145" |
| 32-6-P | 054007-28441 | 16 - 14 AWG | 6 | 0.34" | 0.29" | 0.90" | 0.74" | 0.030" | 0.090" | 0.170" |
| 32-8-P | 054007-28443 | 16 - 14 AWG | 8 | 0.34" | 0.29" | 0.90" | 0.74" | 0.030" | 0.090" | 0.170" |
| 32-10-P | 054007-28445 | 16 - 14 AWG | 10 | 0.34" | 0.29" | 0.90" | 0.74" | 0.030" | 0.090" | 0.170" |
| 33-6-P | 054007-28770 | 12 - 10 AWG | 6 | 0.38" | 0.29" | 1.03" | 0.84" | 0.030" | 0.135" | 0.250" |
| 33-8-P | 054007-28771 | 12 - 10 AWG | 8 | 0.38" | 0.29" | 1.03" | 0.84" | 0.030" | 0.135" | 0.250" |
| 33-10-P | 054007-28772 | 12 - 10 AWG | 10 | 0.38" | 0.29" | 1.03" | 0.84" | 0.030" | 0.135" | 0.250" |


Specialty Wire Terminals, Kits and Tools

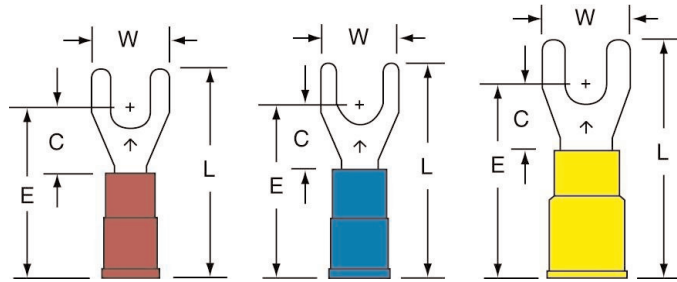
3M™ Terminals: 3M™ Standard Forks

Nylon Insulated with Insulation Grip Standard Fork

Terminal Type Fork
 Terminal Style Standard
 Insulation Material Nylon with Insulation Grip
 Barrel Style Butted
 RoHS 2011/65/EU Yes

Agency Approval  


Manufacturing Origin  With U.S. and Global Content

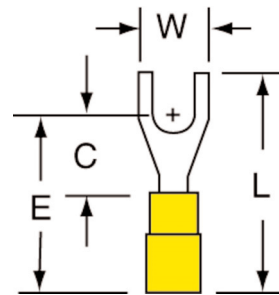


| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|------------------|
| 31-6-NB | 054007-28038 | 22 - 18 AWG | 6 | 0.34" | 0.29" | 0.89" | 0.73" | 0.030" | 0.070" | 0.145" |
| 31-8-NB | 054007-28040 | 22 - 18 AWG | 8 | 0.34" | 0.29" | 0.89" | 0.73" | 0.030" | 0.070" | 0.145" |
| 31-10-NB | 054007-28042 | 22 - 18 AWG | 10 | 0.34" | 0.29" | 0.89" | 0.73" | 0.030" | 0.070" | 0.145" |
| 32-6-NB | 054007-28435 | 16 - 14 AWG | 6 | 0.34" | 0.29" | 0.91" | 0.75" | 0.030" | 0.070" | 0.145" |
| 32-8-NB | 054007-28437 | 16 - 14 AWG | 8 | 0.34" | 0.29" | 0.91" | 0.75" | 0.030" | 0.070" | 0.145" |
| 32-10-NB | 054007-28439 | 16 - 14 AWG | 10 | 0.34" | 0.29" | 0.91" | 0.75" | 0.030" | 0.070" | 0.145" |
| 33-6-NB | 054007-28767 | 12 - 10 AWG | 6 | 0.38" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" |
| 33-8-NB | 054007-28768 | 12 - 10 AWG | 8 | 0.38" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" |
| 33-10-NB | 054007-28769 | 12 - 10 AWG | 10 | 0.38" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" |

Nylon Insulated Brazed Seam Standard Fork

Terminal Type Fork
 Terminal Style Standard
 Insulation Material Nylon
 Barrel Style Brazed
 RoHS 2011/65/EU Yes

Manufacturing Origin 





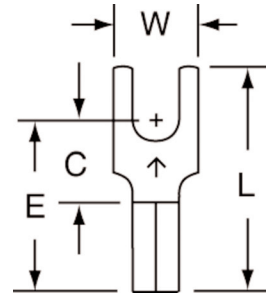
| Product No. | UPC | Conductor Size | Stud Size | (W) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-----------|-------------|------------------|
| 30-2-WN | 054007-95177 | 26 - 24 AWG | 2 | 0.20" | 0.55" | 0.47" | 0.20" | 0.040" | 0.90" |
| 30-4-WN | 054007-95162 | 26 - 24 AWG | 4 | 0.20" | 0.56" | 0.47" | 0.20" | 0.040" | 0.90" |
| 30-6-WN | 054007-95168 | 26 - 24 AWG | 6 | 0.24" | 0.68" | 0.59" | 0.20" | 0.040" | 0.90" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Block Forks



Non-Insulated Butted Seam Block Fork

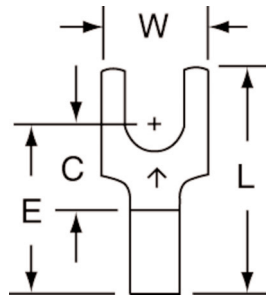
Terminal Type Fork
 Terminal Style Block
 Insulation Material Non-Insulated
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 



| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|
| BS-31-4S | 054007-29632 | 22 - 18 AWG | 4 | 0.25" | 0.25" | 0.65" | 0.50" | 0.030" | 0.070" |
| BS-31-6S | 054007-28142 | 22 - 18 AWG | 6 | 0.25" | 0.25" | 0.65" | 0.50" | 0.030" | 0.070" |
| BS-31-6 | 054007-28143 | 22 - 18 AWG | 6 | 0.30" | 0.25" | 0.65" | 0.50" | 0.030" | 0.070" |
| BS-31-8 | 054007-28144 | 22 - 18 AWG | 8 | 0.30" | 0.25" | 0.65" | 0.50" | 0.030" | 0.070" |
| BS-31-10 | 054007-28145 | 22 - 18 AWG | 10 | 0.30" | 0.25" | 0.65" | 0.50" | 0.030" | 0.070" |
| BS-32-6S | 054007-28541 | 16 - 14 AWG | 6 | 0.25" | 0.25" | 0.65" | 0.50" | 0.030" | 0.090" |
| BS-32-6 | 054007-28542 | 16 - 14 AWG | 6 | 0.30" | 0.25" | 0.65" | 0.50" | 0.030" | 0.090" |
| BS-32-8 | 054007-28543 | 16 - 14 AWG | 8 | 0.30" | 0.25" | 0.65" | 0.50" | 0.030" | 0.090" |
| BS-32-10 | 054007-28544 | 16 - 14 AWG | 10 | 0.30" | 0.25" | 0.65" | 0.50" | 0.030" | 0.090" |
| BS-33-8 | 054007-28816 | 12 - 10 AWG | 8 | 0.32" | 0.29" | 0.73" | 0.54" | 0.040" | 0.135" |
| BS-33-10 | 054007-28817 | 12 - 10 AWG | 10 | 0.32" | 0.29" | 0.73" | 0.54" | 0.040" | 0.135" |

Non-Insulated Brazed Seam Block Fork

Terminal Type Fork
 Terminal Style Block
 Insulation Material Non-Insulated
 Barrel Style Brazed
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 



| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|
| BS-31-6S-W | 054007-28146 | 22 - 18 AWG | 6 | 0.25" | 0.25" | 0.65" | 0.50" | 0.030" | 0.070" |
| BS-31-6-W | 054007-28147 | 22 - 18 AWG | 6 | 0.30" | 0.25" | 0.65" | 0.50" | 0.030" | 0.070" |
| BS-31-8-W | 054007-28148 | 22 - 18 AWG | 8 | 0.30" | 0.25" | 0.65" | 0.50" | 0.030" | 0.070" |
| BS-31-10-W | 054007-28149 | 22 - 18 AWG | 10 | 0.30" | 0.25" | 0.65" | 0.50" | 0.030" | 0.070" |
| BS-32-6S-W | 054007-28545 | 16 - 14 AWG | 6 | 0.25" | 0.25" | 0.65" | 0.50" | 0.030" | 0.090" |
| BS-32-6-W | 054007-28546 | 16 - 14 AWG | 6 | 0.30" | 0.25" | 0.65" | 0.50" | 0.030" | 0.090" |
| BS-32-8-W | 054007-28547 | 16 - 14 AWG | 8 | 0.30" | 0.25" | 0.65" | 0.50" | 0.030" | 0.090" |
| BS-32-10-W | 054007-28548 | 16 - 14 AWG | 10 | 0.30" | 0.25" | 0.65" | 0.50" | 0.030" | 0.090" |
| BS-33-6-W | 054007-28818 | 12 - 10 AWG | 6 | 0.32" | 0.29" | 0.73" | 0.54" | 0.040" | 0.135" |



Specialty Wire Terminals, Kits and Tools

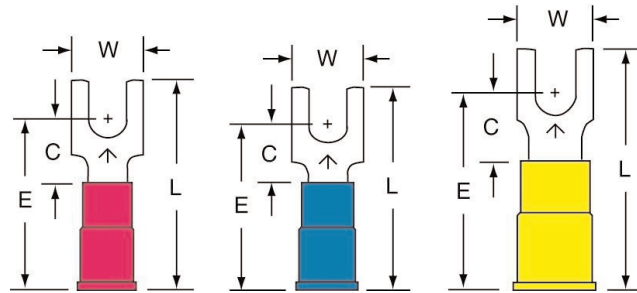
3M™ Terminals: 3M™ Block Forks

Non-Insulated Brazed Seam Block Fork (continued)

| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|
| BS-33-8-W | 054007-28819 | 12 - 10 AWG | 8 | 0.32" | 0.29" | 0.73" | 0.54" | 0.040" | 0.135" |
| BS-33-10-W | 054007-28820 | 12 - 10 AWG | 10 | 0.32" | 0.29" | 0.73" | 0.54" | 0.040" | 0.135" |

Vinyl Insulated Butted Seam Block Fork

Terminal Type Fork
Terminal Style Block
Insulation Material Vinyl
Barrel Style Butted
RoHS 2011/65/EU Yes
Agency Approval 
Manufacturing Origin 



| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|------------------|
| BS-31-4S-P | 054007-29633 | 22 - 18 AWG | 4 | 0.25" | 0.25" | 0.85" | 0.70" | 0.030" | 0.070" | 0.145" |
| BS-31-6S-P | 054007-28138 | 22 - 18 AWG | 6 | 0.25" | 0.25" | 0.85" | 0.70" | 0.030" | 0.070" | 0.145" |
| BS-31-6-P | 054007-95351 | 22 - 18 AWG | 6 | 0.30" | 0.25" | 0.85" | 0.70" | 0.030" | 0.070" | 0.145" |
| BS-31-8-P | 054007-95352 | 22 - 18 AWG | 8 | 0.30" | 0.25" | 0.85" | 0.70" | 0.030" | 0.070" | 0.145" |
| BS-31-10-P | 054007-28141 | 22 - 18 AWG | 10 | 0.30" | 0.25" | 0.85" | 0.70" | 0.030" | 0.070" | 0.145" |
| BS-32-4S-P | 054007-30084 | 16 - 14 AWG | 4 | 0.25" | 0.25" | 0.85" | 0.70" | 0.030" | 0.090" | 0.170" |
| BS-32-6S-P | 054007-28537 | 16 - 14 AWG | 6 | 0.25" | 0.25" | 0.85" | 0.70" | 0.030" | 0.090" | 0.170" |
| BS-32-6-P | 054007-28538 | 16 - 14 AWG | 6 | 0.30" | 0.25" | 0.85" | 0.70" | 0.030" | 0.090" | 0.170" |
| BS-32-8-P | 054007-28539 | 16 - 14 AWG | 8 | 0.30" | 0.25" | 0.85" | 0.70" | 0.030" | 0.090" | 0.170" |
| BS-32-10-P | 054007-28540 | 16 - 14 AWG | 10 | 0.30" | 0.25" | 0.85" | 0.70" | 0.030" | 0.090" | 0.170" |
| BS-33-6-P | 054007-28812 | 12 - 10 AWG | 6 | 0.32" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" |
| BS-33-8-P | 054007-28813 | 12 - 10 AWG | 8 | 0.32" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" |
| BS-33-10-P | 054007-28814 | 12 - 10 AWG | 10 | 0.32" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Block Forks

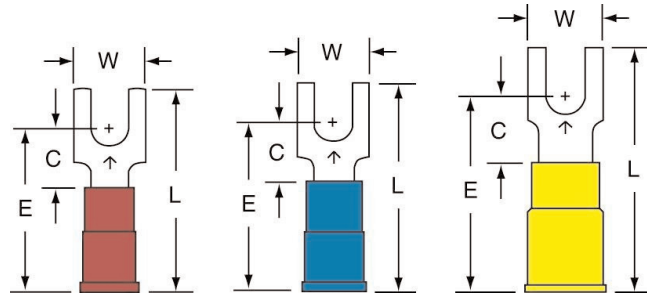
Nylon Insulated with Insulation Grip Block Fork

Terminal Type Fork
 Terminal Style Block
 Insulation Material Nylon with Insulation Grip
 Barrel Style Butted
 RoHS 2011/65/EU Yes

Agency Approval



Manufacturing Origin





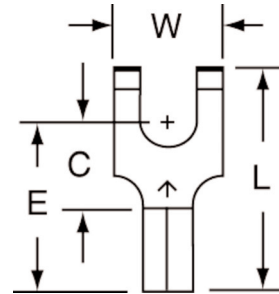
| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|------------------|
| BS-31-4S-NB | 054007-29634 | 22 - 18 AWG | 4 | 0.25" | 0.25" | 0.84" | 0.69" | 0.030" | 0.070" | 0.145" |
| BS-31-6S-NB | 054007-28134 | 22 - 18 AWG | 6 | 0.25" | 0.25" | 0.84" | 0.69" | 0.030" | 0.070" | 0.145" |
| BS-31-6-NB | 054007-28135 | 22 - 18 AWG | 6 | 0.30" | 0.25" | 0.84" | 0.69" | 0.030" | 0.070" | 0.145" |
| BS-31-8-NB | 054007-28136 | 22 - 18 AWG | 8 | 0.30" | 0.25" | 0.84" | 0.69" | 0.030" | 0.070" | 0.145" |
| BS-31-10-NB | 054007-28137 | 22 - 18 AWG | 10 | 0.30" | 0.25" | 0.84" | 0.69" | 0.030" | 0.070" | 0.145" |
| BS-32-4S-NB | 054007-30083 | 16 - 14 AWG | 4 | 0.25" | 0.25" | 0.86" | 0.71" | 0.030" | 0.090" | 0.170" |
| BS-32-6S-NB | 054007-28533 | 16 - 14 AWG | 6 | 0.25" | 0.25" | 0.86" | 0.71" | 0.030" | 0.090" | 0.170" |
| BS-32-6-NB | 054007-28534 | 16 - 14 AWG | 6 | 0.30" | 0.25" | 0.86" | 0.71" | 0.030" | 0.090" | 0.170" |
| BS-32-8-NB | 054007-28535 | 16 - 14 AWG | 8 | 0.30" | 0.25" | 0.86" | 0.71" | 0.030" | 0.090" | 0.170" |
| BS-32-10-NB | 054007-28536 | 16 - 14 AWG | 10 | 0.30" | 0.25" | 0.86" | 0.71" | 0.030" | 0.090" | 0.170" |
| BS-33-6-NB | 054007-28809 | 12 - 10 AWG | 6 | 0.32" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" |
| BS-33-8-NB | 054007-28810 | 12 - 10 AWG | 8 | 0.32" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" |
| BS-33-10-NB | 054007-28811 | 12 - 10 AWG | 10 | 0.32" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Flanged Block Forks



Non-Insulated Butted Seam Flanged Block Fork

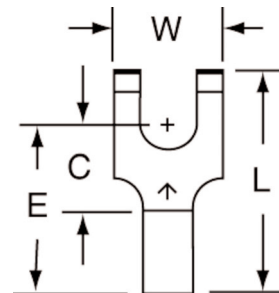
Terminal Type Fork
 Terminal Style Flanged Block
 Insulation Material Non-Insulated
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 



| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|
| BS-21-6 | 054007-28191 | 22 - 18 AWG | 6 | 0.30" | 0.25" | 0.65" | 0.50" | 0.030" | 0.070" |
| BS-21-8 | 054007-28192 | 22 - 18 AWG | 8 | 0.30" | 0.25" | 0.65" | 0.50" | 0.030" | 0.070" |
| BS-22-6 | 054007-28590 | 16 - 14 AWG | 6 | 0.30" | 0.25" | 0.65" | 0.50" | 0.030" | 0.090" |
| BS-22-10 | 054007-28592 | 16 - 14 AWG | 10 | 0.30" | 0.25" | 0.65" | 0.50" | 0.030" | 0.090" |
| BS-23-10 | 054007-28838 | 12 - 10 AWG | 10 | 0.32" | 0.29" | 0.73" | 0.54" | 0.040" | 0.135" |

Non-Insulated Brazed Seam Flanged Block Fork

Terminal Type Fork
 Terminal Style Flanged Block
 Insulation Material Non-Insulated
 Barrel Style Brazed
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 





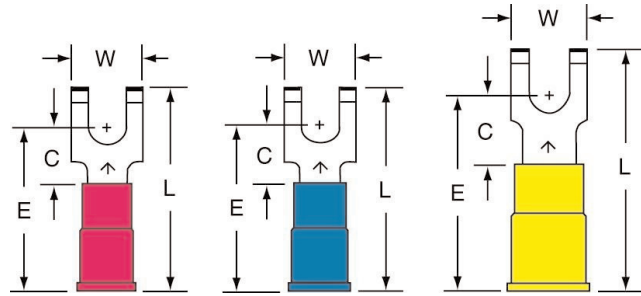
| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|
| BS-21-10-W | 054007-28197 | 22 - 18 AWG | 10 | 0.30" | 0.25" | 0.65" | 0.50" | 0.030" | 0.070" |
| BS-23-10-W | 054007-28841 | 12 - 10 AWG | 10 | 0.32" | 0.29" | 0.73" | 0.54" | 0.040" | 0.135" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Flanged Block Forks



Vinyl Insulated Butted Seam Flanged Block Fork

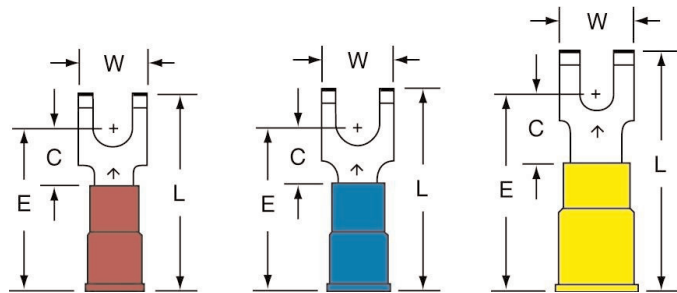
Terminal Type Fork
 Terminal Style Flanged Block
 Insulation Material Vinyl
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 



| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|------------------|
| BS-21-6S-P | 054007-28186 | 22 - 18 AWG | 6 | 0.25" | 0.25" | 0.83" | 0.70" | 0.030" | 0.070" | 0.145" |
| BS-21-6-P | 054007-28187 | 22 - 18 AWG | 6 | 0.30" | 0.25" | 0.85" | 0.70" | 0.030" | 0.070" | 0.145" |
| BS-21-8-P | 054007-28188 | 22 - 18 AWG | 8 | 0.30" | 0.25" | 0.85" | 0.70" | 0.030" | 0.070" | 0.145" |
| BS-21-10-P | 054007-28189 | 22 - 18 AWG | 10 | 0.30" | 0.25" | 0.85" | 0.70" | 0.030" | 0.070" | 0.145" |
| BS-22-6S-P | 054007-28585 | 16 - 14 AWG | 6 | 0.25" | 0.25" | 0.84" | 0.70" | 0.030" | 0.090" | 0.170" |
| BS-22-6-P | 054007-28586 | 16 - 14 AWG | 6 | 0.30" | 0.25" | 0.85" | 0.70" | 0.030" | 0.090" | 0.170" |
| BS-22-8-P | 054007-28587 | 16 - 14 AWG | 8 | 0.30" | 0.25" | 0.85" | 0.70" | 0.030" | 0.090" | 0.170" |
| BS-22-10-P | 054007-28588 | 16 - 14 AWG | 10 | 0.30" | 0.25" | 0.85" | 0.70" | 0.030" | 0.090" | 0.170" |
| BS-23-6-P | 054007-28833 | 12 - 10 AWG | 6 | 0.32" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" |
| BS-23-8-P | 054007-28834 | 12 - 10 AWG | 8 | 0.32" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" |
| BS-23-10-P | 054007-28835 | 12 - 10 AWG | 10 | 0.32" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" |

Nylon Insulated with Insulation Grip Flanged Block Fork

Terminal Type Fork
 Terminal Style Flanged Block
 Insulation Material Nylon with Insulation Grip
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 



| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|------------------|
| BS-21-6S-NB | 054007-28182 | 22 - 18 AWG | 6 | 0.25" | 0.25" | 0.84" | 0.69" | 0.030" | 0.070" | 0.145" |
| BS-21-6-NB | 054007-28183 | 22 - 18 AWG | 6 | 0.30" | 0.25" | 0.84" | 0.69" | 0.030" | 0.070" | 0.145" |
| BS-21-8-NB | 054007-28184 | 22 - 18 AWG | 8 | 0.30" | 0.25" | 0.84" | 0.69" | 0.030" | 0.070" | 0.145" |
| BS-21-10-NB | 054007-28185 | 22 - 18 AWG | 10 | 0.30" | 0.25" | 0.84" | 0.69" | 0.030" | 0.070" | 0.145" |
| BS-22-6S-NB | 054007-28581 | 16 - 14 AWG | 6 | 0.25" | 0.25" | 0.86" | 0.71" | 0.030" | 0.090" | 0.170" |
| BS-22-6-NB | 054007-28582 | 16 - 14 AWG | 6 | 0.30" | 0.25" | 0.86" | 0.71" | 0.030" | 0.090" | 0.170" |

Specialty Wire Terminals, Kits and Tools



3M™ Terminals: 3M™ Flanged Block Forks

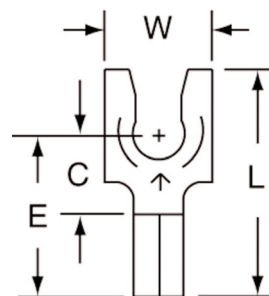
Nylon Insulated with Insulation Grip Flanged Block Fork (continued)

| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|------------------|
| BS-22-8-NB | 054007-28583 | 16 - 14 AWG | 8 | 0.30" | 0.25" | 0.86" | 0.71" | 0.030" | 0.090" | 0.170" |
| BS-22-10-NB | 054007-28584 | 16 - 14 AWG | 10 | 0.30" | 0.25" | 0.86" | 0.71" | 0.030" | 0.090" | 0.170" |
| BS-23-6-NB | 054007-28830 | 12 - 10 AWG | 6 | 0.32" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" |
| BS-23-8-NB | 054007-28831 | 12 - 10 AWG | 8 | 0.32" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" |
| BS-23-10-NB | 054007-28832 | 12 - 10 AWG | 10 | 0.32" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" |

3M™ Terminals: 3M™ Locking Forks

Non-Insulated Butted Seam Locking Fork



Terminal Type Fork
Terminal Style Locking
Insulation Material Non-Insulated
Barrel Style Butted
RoHS 2011/65/EU Yes
Agency Approval 
Manufacturing Origin 

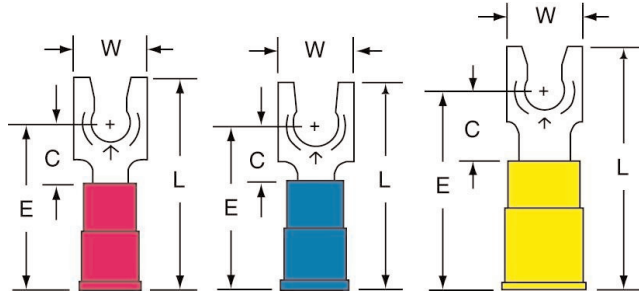


| Product No. | UPC | Conductor Size | Stud Size | Max. Lock Width | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. |
|-------------|--------------|----------------|-----------|-----------------|-------|-------|-------|-------|-----------|-------------|
| SS-31-4 | 054007-29966 | 22 - 18 AWG | 4 | 0.27" | 0.25" | 0.25" | 0.68" | 0.50" | 0.030" | 0.070" |
| SS-31-6 | 054007-29967 | 22 - 18 AWG | 6 | 0.27" | 0.25" | 0.25" | 0.68" | 0.50" | 0.030" | 0.070" |
| SS-31-8 | 054007-29968 | 22 - 18 AWG | 8 | 0.34" | 0.30" | 0.25" | 0.68" | 0.50" | 0.030" | 0.070" |
| SS-31-10 | 054007-29969 | 22 - 18 AWG | 10 | 0.35" | 0.32" | 0.25" | 0.68" | 0.50" | 0.030" | 0.070" |
| SS-32-6 | 054007-29971 | 16 - 14 AWG | 6 | 0.27" | 0.25" | 0.25" | 0.68" | 0.50" | 0.030" | 0.090" |
| SS-32-8 | 054007-29972 | 16 - 14 AWG | 8 | 0.34" | 0.30" | 0.25" | 0.68" | 0.50" | 0.030" | 0.090" |
| SS-32-10 | 054007-29973 | 16 - 14 AWG | 10 | 0.35" | 0.32" | 0.25" | 0.68" | 0.50" | 0.030" | 0.090" |
| SS-32-14 | 054007-29974 | 16 - 14 AWG | 1/4" | 0.48" | 0.43" | 0.40" | 0.90" | 0.65" | 0.030" | 0.090" |
| SS-33-6 | 054007-29975 | 12 - 10 AWG | 6 | 0.30" | 0.28" | 0.28" | 0.73" | 0.53" | 0.040" | 0.135" |
| SS-33-8 | 054007-29976 | 12 - 10 AWG | 8 | 0.35" | 0.32" | 0.28" | 0.73" | 0.53" | 0.040" | 0.135" |
| SS-33-10 | 054007-29977 | 12 - 10 AWG | 10 | 0.36" | 0.32" | 0.28" | 0.73" | 0.53" | 0.040" | 0.135" |
| SS-33-14 | 054007-29978 | 12 - 10 AWG | 1/4" | 0.48" | 0.43" | 0.44" | 0.94" | 0.69" | 0.040" | 0.135" |

3M™ Terminals: 3M™ Locking Forks

Vinyl Insulated Butted Seam Locking Fork



Terminal Type Fork
 Terminal Style Locking
 Insulation Material Vinyl
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 

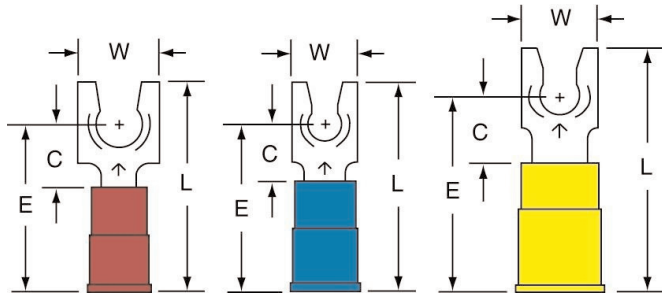


| Product No. | UPC | Conductor Size | Stud Size | Max. Lock Width | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|-----------|-----------------|-------|-------|-------|-------|-----------|-------------|------------------|
| SS-31-6-P | 054007-29980 | 22 - 18 AWG | 6 | 0.27" | 0.25" | 0.25" | 0.88" | 0.70" | 0.030" | 0.070" | 0.145" |
| SS-31-8-P | 054007-29981 | 22 - 18 AWG | 8 | 0.34" | 0.30" | 0.25" | 0.88" | 0.70" | 0.030" | 0.070" | 0.145" |
| SS-31-10-P | 054007-29982 | 22 - 18 AWG | 10 | 0.35" | 0.32" | 0.25" | 0.88" | 0.70" | 0.030" | 0.070" | 0.145" |
| SS-32-4-P | 054007-29983 | 16 - 14 AWG | 4 | 0.27" | 0.25" | 0.25" | 0.88" | 0.70" | 0.030" | 0.090" | 0.170" |
| SS-32-6-P | 054007-29984 | 16 - 14 AWG | 6 | 0.27" | 0.25" | 0.25" | 0.88" | 0.70" | 0.030" | 0.090" | 0.170" |
| SS-32-8-P | 054007-29985 | 16 - 14 AWG | 8 | 0.34" | 0.30" | 0.25" | 0.88" | 0.70" | 0.030" | 0.090" | 0.170" |
| SS-32-10-P | 054007-29986 | 16 - 14 AWG | 10 | 0.35" | 0.25" | 0.25" | 0.88" | 0.70" | 0.030" | 0.090" | 0.170" |
| SS-32-14-P | 054007-29987 | 16 - 14 AWG | 1/4" | 0.48" | 0.43" | 0.40" | 1.10" | 0.85" | 0.030" | 0.090" | 0.170" |
| SS-33-6-P | 054007-29988 | 12 - 10 AWG | 6 | 0.30" | 0.28" | 0.28" | 1.03" | 0.83" | 0.040" | 0.135" | 0.250" |
| SS-33-8-P | 054007-29989 | 12 - 10 AWG | 8 | 0.35" | 0.32" | 0.28" | 1.03" | 0.83" | 0.040" | 0.135" | 0.250" |
| SS-33-10-P | 054007-29990 | 12 - 10 AWG | 10 | 0.36" | 0.32" | 0.28" | 1.03" | 0.83" | 0.040" | 0.135" | 0.250" |
| SS-33-14-P | 054007-29991 | 12 - 10 AWG | 1/4" | 0.48" | 0.43" | 0.44" | 1.24" | 0.99" | 0.040" | 0.135" | 0.250" |

3M™ Terminals: 3M™ Locking Forks

Nylon Insulated with Insulation Grip Locking Fork

Terminal Type Fork
 Terminal Style Locking
 Insulation Material Nylon with Insulation Grip
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 




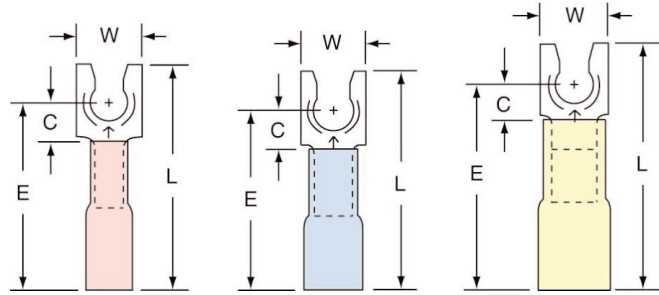
| Product No. | UPC | Conductor Size | Stud Size | Max. Lock Width | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|-----------|-----------------|-------|-------|-------|-------|-----------|-------------|------------------|
| SS-31-4-NB | 054007-29992 | 22 - 18 AWG | 4 | 0.27" | 0.25" | 0.25" | 0.87" | 0.69" | 0.030" | 0.070" | 0.145" |
| SS-31-6-NB | 054007-29993 | 22 - 18 AWG | 6 | 0.27" | 0.25" | 0.25" | 0.87" | 0.69" | 0.030" | 0.070" | 0.145" |
| SS-31-8-NB | 054007-29994 | 22 - 18 AWG | 8 | 0.34" | 0.30" | 0.25" | 0.87" | 0.69" | 0.030" | 0.070" | 0.145" |
| SS-31-10-NB | 054007-29995 | 22 - 18 AWG | 10 | 0.35" | 0.32" | 0.25" | 0.87" | 0.69" | 0.030" | 0.070" | 0.145" |
| SS-32-4-NB | 054007-29996 | 16 - 14 AWG | 4 | 0.27" | 0.25" | 0.25" | 0.89" | 0.71" | 0.030" | 0.090" | 0.170" |
| SS-32-6-NB | 054007-29997 | 16 - 14 AWG | 6 | 0.27" | 0.24" | 0.25" | 0.89" | 0.71" | 0.030" | 0.090" | 0.170" |
| SS-32-8-NB | 054007-29998 | 16 - 14 AWG | 8 | 0.34" | 0.30" | 0.25" | 0.89" | 0.71" | 0.030" | 0.090" | 0.170" |
| SS-32-10-NB | 054007-29999 | 16 - 14 AWG | 10 | 0.35" | 0.32" | 0.25" | 0.89" | 0.71" | 0.030" | 0.090" | 0.170" |
| SS-32-14-NB | 054007-30000 | 16 - 14 AWG | 1/4" | 0.48" | 0.43" | 0.40" | 1.11" | 0.86" | 0.030" | 0.090" | 0.170" |
| SS-33-6-NB | 054007-30001 | 12 - 10 AWG | 6 | 0.30" | 0.28" | 0.28" | 1.03" | 0.83" | 0.040" | 0.135" | 0.250" |
| SS-33-8-NB | 054007-30002 | 12 - 10 AWG | 8 | 0.35" | 0.32" | 0.28" | 1.03" | 0.83" | 0.040" | 0.135" | 0.250" |
| SS-33-10-NB | 054007-30003 | 12 - 10 AWG | 10 | 0.36" | 0.32" | 0.28" | 1.03" | 0.83" | 0.040" | 0.135" | 0.250" |
| SS-33-14-NB | 054007-30004 | 12 - 10 AWG | 1/4" | 0.48" | 0.43" | 0.44" | 1.24" | 0.99" | 0.040" | 0.135" | 0.250" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Locking Forks

Heat Shrink Brazed Seam Locking Fork

| | |
|----------------------|-----------------------------------------------------------------------------------|
| Terminal Type | Fork |
| Terminal Style | Locking |
| Insulation Material | Heat Shrink |
| Barrel Style | Brazed |
| RoHS 2011/65/EU | Yes |
| Manufacturing Origin |  |





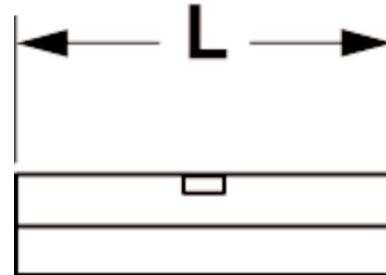
| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|
| MH18-6FLK | 054007-06347 | 22 - 18 AWG | 6 | 0.25" | 0.15" | 1.00" | 0.76" | 0.030" | 0.070" |
| MH18-6FLX | 051128-58911 | 22 - 18 AWG | 6 | 0.25" | 0.15" | 1.00" | 0.76" | 0.030" | 0.070" |
| MH18-8FLK | 054007-06362 | 22 - 18 AWG | 8 | 0.30" | 0.15" | 1.00" | 0.70" | 0.030" | 0.070" |
| MH18-8FLX | 051128-59096 | 22 - 18 AWG | 8 | 0.30" | 0.15" | 1.00" | 0.70" | 0.030" | 0.070" |
| MH18-10FLK | 054007-06353 | 22 - 18 AWG | 10 | 0.32" | 0.15" | 1.00" | 0.76" | 0.030" | 0.070" |
| MH18-10FLX | 051128-58915 | 22 - 18 AWG | 10 | 0.32" | 0.15" | 1.00" | 0.76" | 0.030" | 0.070" |
| MH14-6FLX | 051128-58899 | 16 - 14 AWG | 6 | 0.25" | 0.12" | 1.00" | 0.76" | 0.030" | 0.090" |
| MH14-6FLK | 054007-06323 | 16 - 14 AWG | 6 | 0.25" | 0.12" | 1.00" | 0.76" | 0.030" | 0.090" |
| MH14-8FLX | 051128-59094 | 16 - 14 AWG | 8 | 0.30" | 0.12" | 1.00" | 0.70" | 0.030" | 0.090" |
| MH14-8FLK | 054007-06360 | 16 - 14 AWG | 8 | 0.30" | 0.12" | 1.00" | 0.70" | 0.030" | 0.090" |
| MH14-10FLX | 051128-58902 | 16 - 14 AWG | 10 | 0.32" | 0.12" | 1.00" | 0.76" | 0.030" | 0.090" |
| MH14-10FLK | 054007-06329 | 16 - 14 AWG | 10 | 0.32" | 0.12" | 1.00" | 0.76" | 0.030" | 0.090" |
| MH14-14FLX | 051128-58904 | 16 - 14 AWG | 1/4" | 0.43" | 0.27" | 1.10" | 0.85" | 0.030" | 0.090" |
| MH14-14FLK | 054007-06333 | 16 - 14 AWG | 1/4" | 0.43" | 0.27" | 1.10" | 0.85" | 0.030" | 0.090" |
| MH10-8FLX | 051128-58889 | 12 - 10 AWG | 8 | 0.32" | 0.16" | 1.00" | 0.80" | 0.040" | 0.135" |
| MH10-8FLK | 054007-06358 | 12 - 10 AWG | 8 | 0.32" | 0.16" | 1.00" | 0.80" | 0.040" | 0.135" |
| MH10-10FLX | 051128-58891 | 12 - 10 AWG | 10 | 0.32" | 0.16" | 1.00" | 0.80" | 0.040" | 0.135" |
| MH10-10FLK | 054007-06308 | 12 - 10 AWG | 10 | 0.32" | 0.16" | 1.00" | 0.80" | 0.040" | 0.135" |
| MH10-14FLX | 051128-58893 | 12 - 10 AWG | 1/4" | 0.43" | 0.30" | 1.20" | 0.95" | 0.040" | 0.135" |
| MH10-14FLK | 054007-06311 | 12 - 10 AWG | 1/4" | 0.43" | 0.30" | 1.20" | 0.95" | 0.040" | 0.135" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Butt Connectors



Non-Insulated Butted Seam Butt Connector

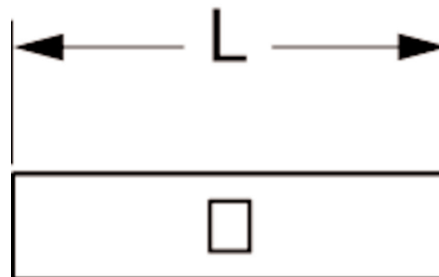
Terminal Type: Butt
 Terminal Style: Standard
 Insulation Material: Non-Insulated
 Barrel Style: Butted
 RoHS 2011/65/EU: Yes
 Agency Approval: 
 Manufacturing Origin: 



| Product No. | UPC | Conductor Size | (L) | Thickness | Barrel Length | Barrel I.D. |
|-------------|--------------|----------------|-------|-----------|---------------|-------------|
| 61 | 054007-28261 | 22 - 18 AWG | 0.56" | 0.030" | 0.25" | 0.070" |
| 62 | 054007-28659 | 16 - 14 AWG | 0.56" | 0.030" | 0.25" | 0.090" |
| 63 | 054007-28868 | 12 - 10 AWG | 0.56" | 0.040" | 0.25" | 0.135" |

Non-Insulated Seamless Butt Connector

Terminal Type: Butt
 Terminal Style: Standard
 Insulation Material: Non-Insulated
 Barrel Style: Seamless
 RoHS 2011/65/EU: Yes
 Agency Approval: 
 Manufacturing Origin: 





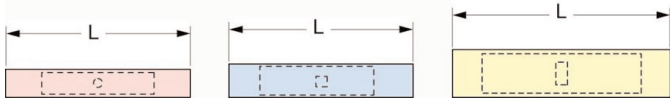
| Product No. | UPC | Conductor Size | (L) | Thickness | Barrel Length | Barrel I.D. |
|-------------|--------------|----------------|-------|-----------|---------------|-------------|
| 61-S | 054007-28262 | 22 - 18 AWG | 0.63" | 0.031" | 0.28" | 0.062" |
| 62-S | 054007-28660 | 16 - 14 AWG | 0.66" | 0.031" | 0.30" | 0.095" |
| 63-S | 054007-28869 | 12 - 10 AWG | 0.81" | 0.038" | 0.38" | 0.142" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Butt Connectors



Nylon Insulated Seamless Butt Connector

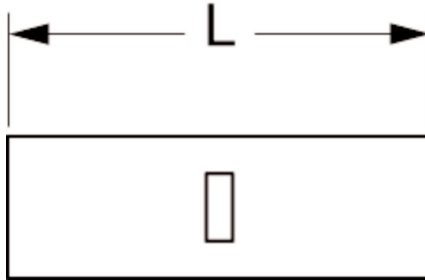
| | |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Terminal Type | Butt |
| Terminal Style | Standard |
| Insulation Material | Nylon |
| Barrel Style | Seamless |
| RoHS 2011/65/EU | Yes |
| Agency Approval |  Except for 26-24 AWG Butt Connectors |
| Manufacturing Origin |  Product numbers ending with "-A" are made in Taiwan |



| Product No. | UPC | Conductor Size | (L) | Thickness | Barrel Length | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|-------|-----------|---------------|-------------|------------------|
| 61-SN | 051128-56170 | 22 - 18 AWG | 1.02" | 0.031" | 0.28" | 0.062" | 0.125" |
| 62-SN | 051128-56171 | 16 - 14 AWG | 1.02" | 0.031" | 0.30" | 0.095" | 0.155" |
| 63-SN | 051128-56172 | 12 - 10 AWG | 1.20" | 0.038" | 0.38" | 0.142" | 0.218" |
| 61-SN-A | 054007-28260 | 22 - 18 AWG | 1.02" | 0.031" | 0.28" | 0.062" | 0.125" |
| 62-SN-A | 054007-28658 | 16 - 14 AWG | 1.02" | 0.031" | 0.30" | 0.095" | 0.155" |
| 63-SN-A | 054007-28867 | 12 - 10 AWG | 1.20" | 0.038" | 0.38" | 0.142" | 0.218" |

Non-Insulated Brazed Seam Butt Connector

| | |
|-----------------------------|-------------------------------------------------------------------------------------|
| Terminal Type | Butt |
| Terminal Style | Standard |
| Insulation Material | Non-Insulated |
| Barrel Style | Brazed |
| RoHS 2011/65/EU | Yes |
| Agency Approval |  |
| Manufacturing Origin |  |





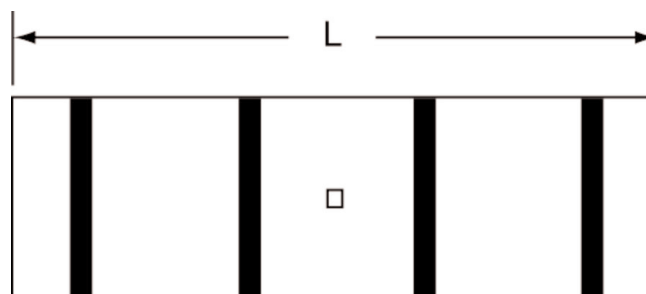
| Product No. | UPC | Conductor Size | (L) | Thickness | Barrel Length | Barrel I.D. |
|-------------|--------------|----------------|-------|-----------|---------------|-------------|
| 64-W | 054007-29099 | 8 AWG | 0.81" | 0.050" | 0.38" | 0.175" |
| 65-W | 054007-29127 | 6 AWG | 1.02" | 0.050" | 0.47" | 0.250" |
| 66-W | 054007-29151 | 4 AWG | 1.13" | 0.075" | 0.53" | 0.280" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Butt Connectors



Non-Insulated Seamless Compression Butt Connector

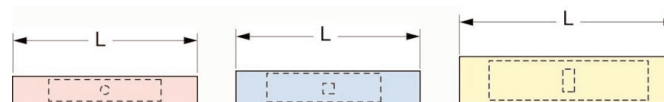
Terminal Type Butt
Terminal Style Compression Connector
Insulation Material Non-Insulated
Barrel Style Seamless
RoHS 2011/65/EU Yes
Agency Approval 
Manufacturing Origin 



| Product No. | UPC | Conductor Size | (L) | Barrel I.D. |
|-------------|--------------|----------------|-------|-------------|
| MC2BC | 054007-09205 | 2 AWG | 1.35" | 0.341" |
| MC1BC | 054007-09206 | 1 AWG | 1.35" | 0.365" |
| MC1/OBC | 054007-09207 | 1/0 AWG | 1.55" | 0.412" |
| MC2/OBC | 054007-09208 | 2/0 AWG | 1.80" | 0.466" |
| MC3/OBC | 054007-09209 | 3/0 AWG | 1.90" | 0.516" |
| MC4/OBC | 054007-09210 | 4/0 AWG | 2.00" | 0.564" |
| MC250BC | 054007-09211 | 250 kcmil | 2.00" | 0.595" |

Vinyl Insulated Seamless Butt Connector

Terminal Type Butt
Terminal Style Standard
Insulation Material Vinyl
Barrel Style Seamless
RoHS 2011/65/EU Yes
Agency Approval 
Manufacturing Origin 





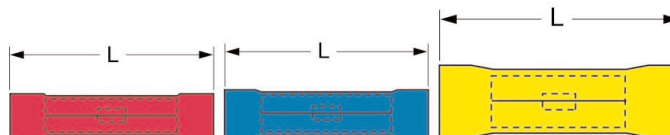
| Product No. | UPC | Conductor Size | (L) | Thickness | Barrel Length | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|-------|-----------|---------------|-------------|------------------|
| 61-SP | 054007-29686 | 22 - 18 AWG | 1.02" | 0.031" | 0.28" | 0.062" | 0.125" |
| 62-SP | 054007-29452 | 16 - 14 AWG | 1.02" | 0.031" | 0.30" | 0.095" | 0.155" |
| 63-SP | 054007-29453 | 12 - 10 AWG | 1.20" | 0.038" | 0.38" | 0.142" | 0.218" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Butt Connectors



Vinyl Insulated Butted Seam Butt Connector

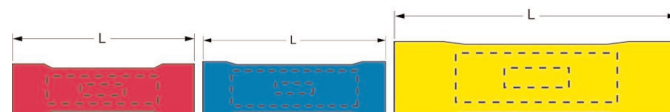
Terminal Type Butt
 Terminal Style Standard
 Insulation Material Vinyl
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 



| Product No. | UPC | Conductor Size | (L) | Thickness | Barrel Length | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|-------|-----------|---------------|-------------|------------------|
| 61-P | 054007-28259 | 22 - 18 AWG | 1.00" | 0.030" | 0.25" | 0.070" | 0.145" |
| 62-P | 054007-28657 | 16 - 14 AWG | 1.00" | 0.030" | 0.25" | 0.090" | 0.170" |
| 63-P | 054007-28866 | 12 - 10 AWG | 1.02" | 0.040" | 0.25" | 0.135" | 0.250" |

Vinyl Insulated Brazed Seam Butt Connector

Terminal Type Butt
 Terminal Style Standard
 Insulation Material Vinyl
 Barrel Style Brazed
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 





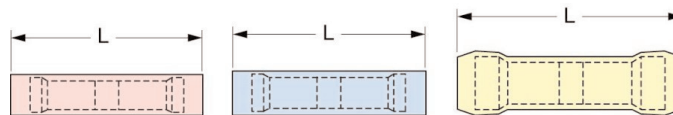
| Product No. | UPC | Conductor Size | (L) | Thickness | Barrel Length | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|-------|-----------|---------------|-------------|------------------|
| 64-WP | 054007-29849 | 8 AWG | 1.50" | 0.050" | 0.38" | 0.175" | 0.300" |
| 65-WP | 054007-29850 | 6 AWG | 1.71" | 0.050" | 0.47" | 0.250" | 0.400" |
| 66-WP | 054007-29851 | 4 AWG | 2.17" | 0.075" | 0.53" | 0.280" | 0.480" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Butt Connectors

Nylon Insulated with Insulation Grip Butt Connector

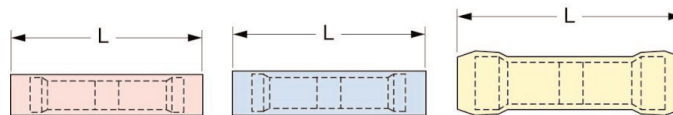
| | |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Terminal Type | Butt |
| Terminal Style | Standard |
| Insulation Material | Nylon with Insulation Grip |
| Barrel Style | Butted |
| RoHS 2011/65/EU | Yes |
| Agency Approval |  |
| Manufacturing Origin |  MADE IN USA With U.S. and Global Content |



| Product No. | UPC | Conductor Size | (L) | Thickness | Barrel Length | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|-------|-----------|---------------|-------------|------------------|
| 61-NB | 054007-28258 | 22 - 18 AWG | 1.00" | 0.030" | 0.25" | 0.070" | 0.145" |
| 62-NB | 054007-28656 | 16 - 14 AWG | 1.00" | 0.030" | 0.25" | 0.090" | 0.170" |
| 63-NB | 054007-28865 | 12 - 10 AWG | 1.15" | 0.040" | 0.25" | 0.135" | 0.250" |

Nylon Insulated with Insulation Grip Grease Filled Butt Connector

| | |
|----------------------|----------------------------|
| Terminal Type | Butt |
| Terminal Style | Moisture Resistant |
| Insulation Material | Nylon with Insulation Grip |
| Barrel Style | Butted |
| RoHS 2011/65/EU | Yes |
| Manufacturing Origin | Taiwan |





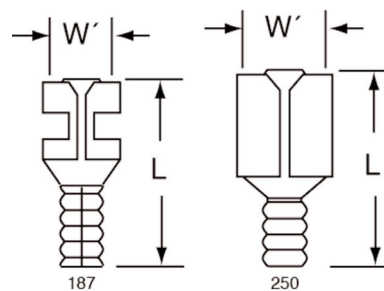
| Product No. | UPC | Conductor Size | (L) | Thickness | Barrel Length | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|-------|-----------|---------------|-------------|------------------|
| 61-NBM-A | 051138-98028 | 22 - 18 AWG | 1.02" | 0.030" | 0.25" | 0.070" | 0.145" |
| 62-NBM-A | 051138-98033 | 16 - 14 AWG | 1.06" | 0.030" | 0.25" | 0.090" | 0.170" |
| 63-NBM-A | 051138-98038 | 12 - 10 AWG | 1.23" | 0.040" | 0.25" | 0.135" | 0.250" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Female Disconnects

Non-Insulated Butted Seam Female Disconnect

| | |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Terminal Type | Disconnect |
| Terminal Style | Standard |
| Fastener Orientation | Female |
| Insulation Material | Non-Insulated |
| Barrel Style | Butted |
| RoHS 2011/65/EU | Yes |
| Agency Approval |  Except for 110 & 110/32 Female Disconnects |
| Manufacturing Origin |  Product numbers ending with "-A" are made in Taiwan |




| Product No. | UPC | Conductor Size | Mates with Male Tab Width (W') | (L) | Thickness | Barrel I.D. |
|--------------|--------------|----------------|--------------------------------|-------|-----------|-------------|
| 71F-187-20 | 054007-30129 | 22 - 18 AWG | 0.187" | 0.58" | 0.020" | 0.085" |
| 71F-250-32 | 054007-29174 | 22 - 18 AWG | 0.250" | 0.66" | 0.032" | 0.080" |
| 72F-110-20-A | 051128-57420 | 16 - 14 AWG | 0.110" | 0.54" | 0.020" | 0.115" |
| 72F-187-20 | 054007-29177 | 16 - 14 AWG | 0.187" | 0.58" | 0.020" | 0.085" |
| 72F-250-32 | 054007-29178 | 16 - 14 AWG | 0.250" | 0.66" | 0.032" | 0.080" |
| 73F-250-32 | 054007-29179 | 12 - 10 AWG | 0.250" | 0.66" | 0.032" | 0.165" |
| 73F-375-50 | 054007-29180 | 12 - 10 AWG | 0.375" | 0.93" | 0.050" | 0.250" |


Specialty Wire Terminals, Kits and Tools

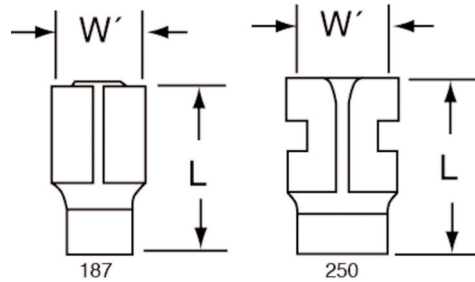
3M™ Terminals: 3M™ Female Disconnects

Non-Insulated Butted Seam Flag Female Disconnect

Terminal Type Disconnect
 Terminal Style Flag
 Fastener Orientation Female
 Insulation Material Non-Insulated
 Barrel Style Butted
 RoHS 2011/65/EU Yes

Agency Approval  Except for 187 Flag Female Disconnects


Manufacturing Origin 

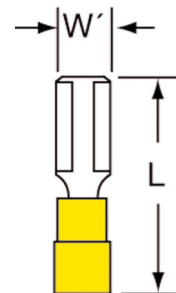


| Product No. | UPC | Conductor Size | Mates with Male Tab Width (W') | (L) | Thickness | Barrel I.D. |
|-------------|--------------|----------------|--------------------------------|-------|-----------|-------------|
| 751-187 | 054007-29484 | 22 - 18 AWG | 0.187" | 0.46" | 0.020" | 0.075" |
| 751-250 | 054007-29412 | 22 - 18 AWG | 0.250" | 0.50" | 0.032" | 0.075" |
| 752-187 | 054007-29486 | 16 - 14 AWG | 0.187" | 0.47" | 0.020" | 0.095" |
| 752-250 | 054007-29413 | 16 - 14 AWG | 0.250" | 0.51" | 0.032" | 0.095" |

Vinyl Insulated with Insulation Grip Female Disconnect

Terminal Type Disconnect
 Terminal Style Standard
 Fastener Orientation Female
 Insulation Material Vinyl with Insulation Grip
 Barrel Style Butted
 RoHS 2011/65/EU Yes

Manufacturing Origin 





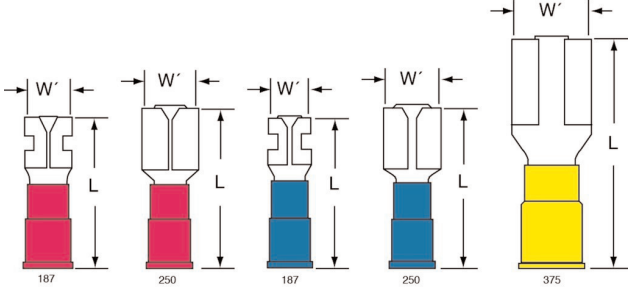
| Product No. | UPC | Conductor Size | Mates with Male Tab Width (W') | Thickness | (L) | Barrel I.D. | Max. Insul. Dia. |
|---------------|--------------|----------------|--------------------------------|-----------|-------|-------------|------------------|
| 70F-110-20-PB | 054007-95149 | 26 - 24 AWG | 0.110" | 0.020" | 0.63" | 0.055" | 0.093" |
| 70F-110-32-PB | 054007-95174 | 26 - 24 AWG | 0.110" | 0.032" | 0.63" | 0.055" | 0.093" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Female Disconnects



Vinyl Insulated Butted Seam Female Disconnect

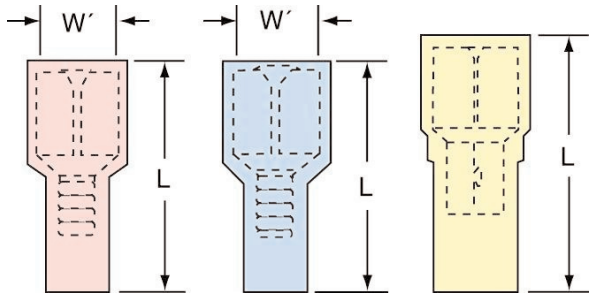
| | |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Terminal Type | Disconnect |
| Terminal Style | Standard |
| Fastener Orientation | Female |
| Insulation Material | Vinyl |
| Barrel Style | Butted |
| RoHS 2011/65/EU | Yes |
| Agency Approval |  Except for 110DF Female Disconnects |
| Manufacturing Origin |  Product numbers ending with "-A" are made in Taiwan |



| Product No. | UPC | Conductor Size | Mates with Male Tab Width (W') | Thickness | (L) | Barrel I.D. | Max. Insul. Dia. |
|----------------|--------------|----------------|--------------------------------|-----------|-------|-------------|------------------|
| 71F-187-20-P | 054007-30132 | 22 - 18 AWG | 0.187" | 0.020" | 0.78" | 0.085" | 0.145" |
| 71F-250-32-P | 054007-29618 | 22 - 18 AWG | 0.250" | 0.032" | 0.87" | 0.080" | 0.145" |
| 72F-110-20-P-A | 051128-57429 | 16 - 14 AWG | 0.110" | 0.020" | 0.81" | 0.115" | 0.145" |
| 72F-187-20-P | 054007-29168 | 16 - 14 AWG | 0.187" | 0.020" | 0.78" | 0.085" | 0.145" |
| 72F-250-32-P | 054007-29169 | 16 - 14 AWG | 0.250" | 0.032" | 0.87" | 0.080" | 0.145" |
| 73F-250-32-P | 054007-29170 | 12 - 10 AWG | 0.250" | 0.032" | 0.95" | 0.165" | 0.250" |
| 73F-375-50-P | 054007-29171 | 12 - 10 AWG | 0.375" | 0.050" | 1.23" | 0.175" | 0.250" |

Nylon Fully Insulated Butted Seam Female Disconnect

| | |
|-----------------------------|-------------------------------------------------------------------------------------|
| Terminal Type | Disconnect |
| Terminal Style | Fully Insulated |
| Fastener Orientation | Female |
| Insulation Material | Nylon |
| Barrel Style | Butted |
| RoHS 2011/65/EU | Yes |
| Agency Approval |  |
| Manufacturing Origin |  |



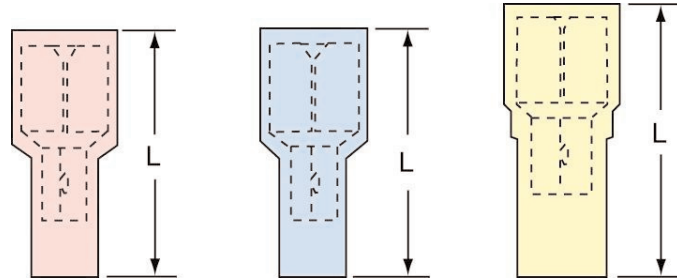
| Product No. | UPC | Conductor Size | Mates with Male Tab Width (W') | (W) | (L) | Diameter (D) | Thickness | Barrel I.D. | Max. Insul. Dia. |
|---------------|--------------|----------------|--------------------------------|-------|-------|--------------|-----------|-------------|------------------|
| 71F-187-20-NL | 054007-30125 | 22 - 18 AWG | 0.187" | 0.30" | 0.81" | 0.23" | 0.020" | 0.085" | 0.145" |
| 71F-250-32-NL | 054007-30108 | 22 - 18 AWG | 0.250" | 0.37" | 0.87" | 0.23" | 0.032" | 0.080" | 0.145" |
| 72F-187-20-NL | 054007-30134 | 16 - 14 AWG | 0.187" | 0.30" | 0.81" | 0.23" | 0.020" | 0.085" | 0.145" |
| 72F-250-32-NL | 054007-30091 | 16 - 14 AWG | 0.250" | 0.37" | 0.87" | 0.23" | 0.032" | 0.080" | 0.145" |
| 73F-250-32-NL | 054007-30104 | 12 - 10 AWG | 0.250" | 0.39" | 0.99" | 0.32" | 0.032" | 0.148" | 0.250" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Female Disconnects

Nylon Fully Insulated with Insulation Grip Female Disconnect

Terminal Type Disconnect
 Terminal Style Fully Insulated
 Fastener Orientation Female
 Insulation Material Nylon with Insulation Grip
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 




| Product No. | UPC | Conductor Size | Mates with Male Tab Width (W') | (L) | (W) | Diameter (D) | Thickness | Barrel I.D. | Max. Insul. Dia. |
|----------------|--------------|----------------|--------------------------------|-------|-------|--------------|-----------|-------------|------------------|
| 71F-187-20-NBL | 054007-30126 | 22 - 18 AWG | 0.187" | 0.81" | 0.30" | 0.23" | 0.020" | 0.085" | 0.145" |
| 71F-250-32-NBL | 054007-30110 | 22 - 18 AWG | 0.250" | 0.87" | 0.37" | 0.23" | 0.032" | 0.080" | 0.145" |
| 72F-187-20-NBL | 054007-29446 | 16 - 14 AWG | 0.187" | 0.81" | 0.30" | 0.23" | 0.020" | 0.085" | 0.145" |
| 72F-250-32-NBL | 054007-29447 | 16 - 14 AWG | 0.250" | 0.87" | 0.37" | 0.23" | 0.032" | 0.080" | 0.145" |
| 73F-250-32-NBL | 054007-30106 | 12 - 10 AWG | 0.250" | 0.99" | 0.39" | 0.32" | 0.032" | 0.165" | 0.250" |


Specialty Wire Terminals, Kits and Tools

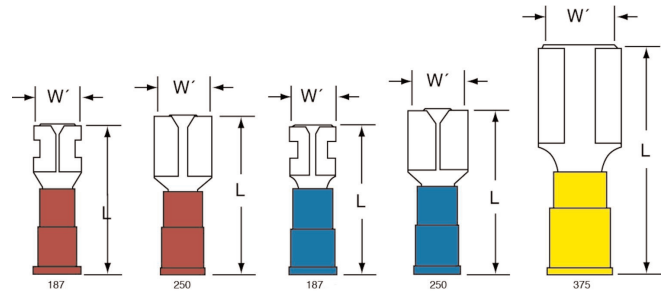
3M™ Terminals: 3M™ Female Disconnects

Nylon Insulated with Insulation Grip Female Disconnect

Terminal Type Disconnect
 Terminal Style Standard
 Fastener Orientation Female
 Insulation Material Nylon with Insulation Grip
 Barrel Style Butted
 RoHS 2011/65/EU Yes

Agency Approval  Except for 110 & 375 Female Disconnects

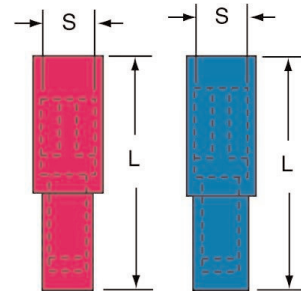
Manufacturing Origin  With U.S. and Global Content



| Product No. | UPC | Conductor Size | Mates with Male Tab Width (W') | Thickness | (L) | Barrel I.D. | Max. Insul. Dia. |
|-----------------|--------------|----------------|--------------------------------|-----------|-------|-------------|------------------|
| 71F-110-20-NB-A | 051128-57472 | 22 - 18 AWG | 0.110" | 0.020" | 0.77" | 0.115" | 0.160" |
| 71F-187-20-NB | 054007-30131 | 22 - 18 AWG | 0.187" | 0.020" | 0.77" | 0.085" | 0.145" |
| 71F-250-32-NB | 054007-30116 | 22 - 18 AWG | 0.250" | 0.032" | 0.86" | 0.080" | 0.145" |
| 72F-110-20-NB-A | 051128-57427 | 16 - 14 AWG | 0.110" | 0.020" | 0.77" | 0.115" | 0.200" |
| 72F-187-20-NB | 054007-29162 | 16 - 14 AWG | 0.187" | 0.020" | 0.77" | 0.085" | 0.145" |
| 72F-250-32-NB | 054007-29163 | 16 - 14 AWG | 0.250" | 0.032" | 0.86" | 0.080" | 0.145" |
| 73F-250-32-NB | 054007-29164 | 12 - 10 AWG | 0.250" | 0.032" | 0.96" | 0.165" | 0.250" |
| 73F-375-50-NB | 054007-29165 | 12 - 10 AWG | 0.375" | 0.050" | 1.23" | 0.175" | 0.250" |

Nylon Insulated with Insulation Grip Bullet Style Female Disconnect

Terminal Type Disconnect
 Terminal Style Bullet Snap Plug
 Fastener Orientation Female
 Insulation Material Nylon with Insulation Grip
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Manufacturing Origin Taiwan




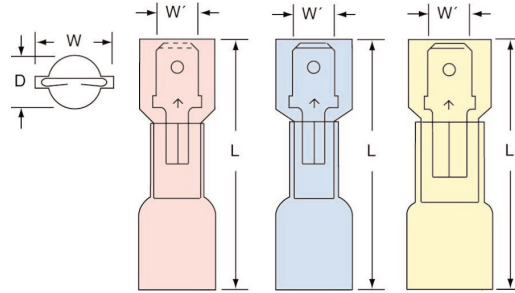
| Product No. | UPC | Conductor Size | Mating Snap Diameter (S) | (L) | Barrel I.D. | Max. Insul. Dia. |
|---------------|--------------|----------------|--------------------------|-------|-------------|------------------|
| 81F-156-NBL-A | 051138-98077 | 22 - 18 AWG | 0.156" | 0.99" | 0.145" | 0.150" |
| 81F-180-NBL-A | 051138-98083 | 22 - 18 AWG | 0.180" | 1.00" | 0.095" | 0.150" |
| 82F-156-NBL-A | 051138-98116 | 16 - 14 AWG | 0.156" | 0.99" | 0.115" | 0.190" |
| 82F-180-NBL-A | 051138-98126 | 16 - 14 AWG | 0.180" | 1.00" | 0.115" | 0.190" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Female Disconnects

Heat Shrink Nylon Fully Insulated Female Disconnect




| | |
|-----------------------------|-----------------------------------------------------------------------------------|
| Terminal Type | Disconnect |
| Terminal Style | Fully Insulated |
| Fastener Orientation | Female |
| Insulation Material | Heat Shrink |
| Barrel Style | Butted |
| RoHS 2011/65/EU | Yes |
| Manufacturing Origin |  |

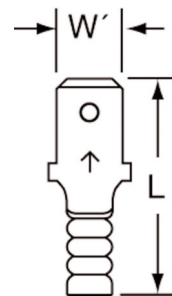


| Product No. | UPC | Conductor Size | Male Tab Width (W') | (W) | (L) | Diameter (D) | Thickness | Barrel I.D. |
|---------------|--------------|----------------|---------------------|-------|-------|--------------|-----------|-------------|
| MNHU18-250DFI | 051128-58916 | 22 - 18 AWG | 0.250" | 0.37" | 1.20" | 0.23" | 0.032" | 0.080" |
| MNHU14-250DFI | 051128-58907 | 16 - 14 AWG | 0.250" | 0.37" | 1.20" | 0.23" | 0.032" | 0.080" |
| MNHU10-250DFI | 051128-58895 | 12 - 10 AWG | 0.250" | 0.39" | 1.20" | 0.32" | 0.032" | 0.165" |

3M™ Terminals: 3M™ Male Disconnects

Non-Insulated Butted Seam Male Disconnect

| | |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Terminal Type | Disconnect |
| Terminal Style | Standard |
| Fastener Orientation | Male |
| Insulation Material | Non-Insulated |
| Barrel Style | Butted |
| RoHS 2011/65/EU | Yes |
| Agency Approval |   |
| Manufacturing Origin |  |



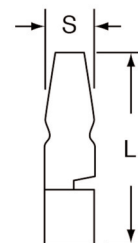
| Product No. | UPC | Conductor Size | Male Tab Width (W') | (L) | Thickness | Barrel I.D. |
|-------------|--------------|----------------|---------------------|-------|-----------|-------------|
| 71M-187-20 | 054007-30127 | 22 - 18 AWG | 0.187" | 0.64" | 0.020" | 0.080" |
| 71M-250-32 | 054007-30112 | 22 - 18 AWG | 0.250" | 0.73" | 0.032" | 0.065" |
| 72M-187-20 | 054007-29236 | 16 - 14 AWG | 0.187" | 0.64" | 0.020" | 0.080" |
| 72M-250-32 | 054007-29237 | 16 - 14 AWG | 0.250" | 0.73" | 0.032" | 0.085" |
| 73M-250-32 | 054007-29238 | 12 - 10 AWG | 0.250" | 0.75" | 0.032" | 0.150" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Male Disconnects

Non-Insulated Butted Seam Bullet Style Male Disconnect

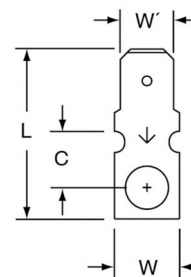
| | |
|----------------------|------------------|
| Terminal Type | Disconnect |
| Terminal Style | Bullet Snap Plug |
| Fastener Orientation | Male |
| Insulation Material | Non-Insulated |
| Barrel Style | Butted |
| RoHS 2011/65/EU | Yes |
| Manufacturing Origin | Taiwan |



| Product No. | UPC | Conductor Size | Mating Snap Diameter (S) | (L) | Max. Insul. Dia. |
|-------------|--------------|----------------|--------------------------|-------|------------------|
| 82M-156-A | 051128-57435 | 16 - 14 AWG | 0.156" | 0.83" | 0.170" |
| 82M-180-A | 051128-57412 | 16 - 14 AWG | 0.180" | 0.83" | 0.170" |

Non-Insulated Rectangular Tongue Male Adapter Disconnect

| | |
|----------------------|-------------------------------------------------------------------------------------|
| Terminal Type | Disconnect |
| Terminal Style | Standard |
| Fastener Orientation | Male |
| Insulation Material | Non-Insulated |
| Barrel Style | NA |
| RoHS 2011/65/EU | Yes |
| Manufacturing Origin |  |




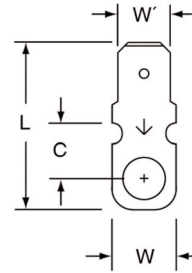
| Product No. | UPC | Stud Size | Male Tab Width (W') | Thickness | (W) | (C) | (L) |
|-------------|--------------|-----------|---------------------|-----------|-------|-------|-------|
| 07-6-250 | 054007-29418 | 6 | 0.250" | 0.030" | 0.30" | 0.26" | 0.80" |
| 07-8-250 | 054007-29419 | 8 | 0.250" | 0.030" | 0.30" | 0.26" | 0.80" |
| 07-10-250 | 054007-29420 | 10 | 0.250" | 0.030" | 0.30" | 0.26" | 0.80" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Male Disconnects



Non-Insulated Ring Tongue Male Adapter Disconnect

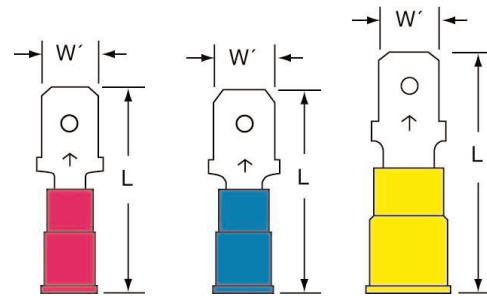
| | |
|----------------------|-----------------------------------------------------------------------------------|
| Terminal Type | Disconnect |
| Terminal Style | Standard |
| Fastener Orientation | Male |
| Insulation Material | Non-Insulated |
| Barrel Style | NA |
| RoHS 2011/65/EU | Yes |
| Manufacturing Origin |  |



| Product No. | UPC | Stud Size | Male Tab Width (W') | Thickness | (W) | (C) | (L) |
|-------------|--------------|-----------|---------------------|-----------|-------|-------|-------|
| 17-6-250 | 054007-29415 | 6 | 0.250" | 0.030" | 0.34" | 0.26" | 0.83" |
| 17-8-250 | 054007-29416 | 8 | 0.250" | 0.030" | 0.34" | 0.26" | 0.83" |
| 17-10-250 | 054007-29417 | 10 | 0.250" | 0.030" | 0.34" | 0.26" | 0.83" |

Vinyl Insulated Butted Seam Male Disconnect

| | |
|----------------------|-------------------------------------------------------------------------------------|
| Terminal Type | Disconnect |
| Terminal Style | Standard |
| Fastener Orientation | Male |
| Insulation Material | Vinyl |
| Barrel Style | Butted |
| RoHS 2011/65/EU | Yes |
| Agency Approval |  |
| Manufacturing Origin |  |



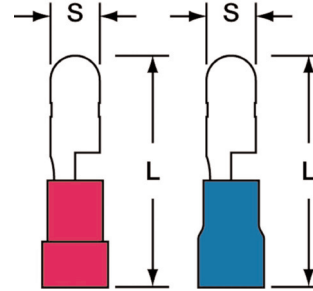
| Product No. | UPC | Conductor Size | Male Tab Width (W') | (L) | Thickness | Barrel I.D. | Max. Insul. Dia. |
|--------------|--------------|----------------|---------------------|-------|-----------|-------------|------------------|
| 71M-187-20-P | 054007-30122 | 22 - 18 AWG | 0.187" | 0.85" | 0.020" | 0.080" | 0.145" |
| 71M-250-32-P | 054007-30115 | 22 - 18 AWG | 0.250" | 0.93" | 0.032" | 0.065" | 0.145" |
| 72M-187-20-P | 054007-29233 | 16 - 14 AWG | 0.187" | 0.85" | 0.020" | 0.080" | 0.145" |
| 72M-250-32-P | 054007-29234 | 16 - 14 AWG | 0.250" | 0.93" | 0.032" | 0.085" | 0.170" |
| 73M-250-32-P | 054007-29235 | 12 - 10 AWG | 0.250" | 1.05" | 0.032" | 0.150" | 0.250" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Male Disconnects

Vinyl Insulated Butted Seam Bullet Style Male Disconnect

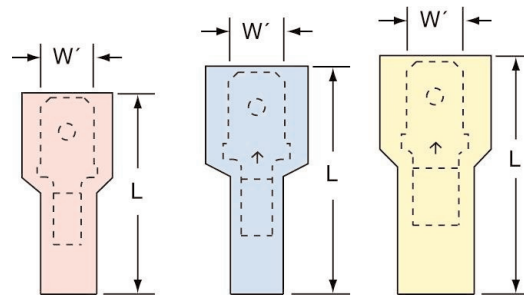
| | |
|----------------------|------------------|
| Terminal Type | Disconnect |
| Terminal Style | Bullet Snap Plug |
| Fastener Orientation | Male |
| Insulation Material | Vinyl |
| Barrel Style | Butted |
| RoHS 2011/65/EU | Yes |
| Manufacturing Origin | Taiwan |



| Product No. | UPC | Conductor Size | Mating Snap Diameter (S) | (L) | Max. Insul. Dia. |
|-------------|--------------|----------------|--------------------------|-------|------------------|
| 81M-156-P-A | 051138-98093 | 22 - 18 AWG | 0.156" | 0.83" | 0.150" |
| 81M-180-P-A | 051138-98103 | 22 - 18 AWG | 0.180" | 0.83" | 0.150" |
| 82M-156-P-A | 054007-29248 | 16 - 14 AWG | 0.156" | 0.83" | 0.170" |
| 82M-180-P-A | 051138-98161 | 16 - 14 AWG | 0.180" | 0.83" | 0.170" |

Nylon Fully Insulated Butted Seam Male Disconnect



| | |
|----------------------|-----------------|
| Terminal Type | Disconnect |
| Terminal Style | Fully Insulated |
| Fastener Orientation | Male |
| Insulation Material | Nylon |
| Barrel Style | Butted |
| RoHS 2011/65/EU | Yes |
| Agency Approval | |
| Manufacturing Origin | |

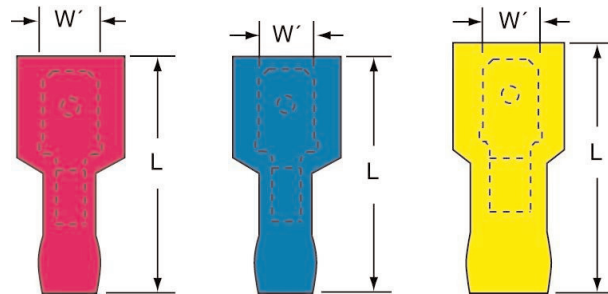


| Product No. | UPC | Conductor Size | Male Tab Width (W') | (L) | (W) | Diameter (D) | Thickness | Barrel I.D. | Max. Insul. Dia. |
|---------------|--------------|----------------|---------------------|-------|-------|--------------|-----------|-------------|------------------|
| 71M-187-20-NL | 054007-30123 | 22 - 18 AWG | 0.187" | 0.87" | 0.37" | 0.30" | 0.020" | 0.080" | 0.145" |
| 71M-250-32-NL | 054007-30109 | 22 - 18 AWG | 0.250" | 0.95" | 0.44" | 0.30" | 0.032" | 0.065" | 0.170" |
| 72M-187-20-NL | 054007-30139 | 16 - 14 AWG | 0.187" | 0.87" | 0.37" | 0.30" | 0.020" | 0.080" | 0.145" |
| 72M-250-32-NL | 054007-30092 | 16 - 14 AWG | 0.250" | 0.95" | 0.44" | 0.30" | 0.032" | 0.085" | 0.170" |
| 73M-250-32-NL | 054007-30105 | 12 - 10 AWG | 0.250" | 1.05" | 0.47" | 0.39" | 0.032" | 0.150" | 0.250" |

3M™ Terminals: 3M™ Male Disconnects

Nylon Fully Insulated with Insulation Grip Male Disconnect

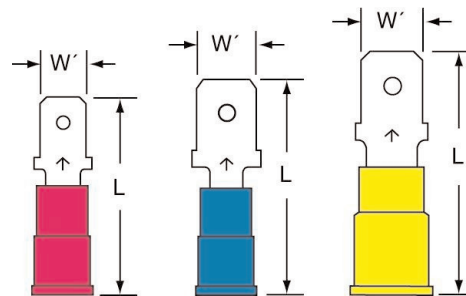
Terminal Type Disconnect
 Terminal Style Fully Insulated
 Fastener Orientation Male
 Insulation Material Nylon with Insulation Grip
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin  With U.S. and Global Content



| Product No. | UPC | Conductor Size | Male Tab Width (W') | (L) | (W) | Diameter (D) | Thickness | Barrel I.D. |
|----------------|--------------|----------------|---------------------|-------|-------|--------------|-----------|-------------|
| 71M-187-20-NBL | 054007-30124 | 22 - 18 AWG | 0.187" | 0.87" | 0.37" | 0.30" | 0.020" | 0.145" |
| 71M-250-32-NBL | 054007-30111 | 22 - 18 AWG | 0.250" | 0.95" | 0.44" | 0.30" | 0.032" | 0.145" |
| 72M-187-20-NBL | 054007-30140 | 16 - 14 AWG | 0.187" | 0.87" | 0.37" | 0.30" | 0.020" | 0.145" |
| 72M-250-32-NBL | 054007-30093 | 16 - 14 AWG | 0.250" | 0.95" | 0.44" | 0.30" | 0.032" | 0.170" |
| 73M-250-32-NBL | 054007-30107 | 12 - 10 AWG | 0.250" | 1.05" | 0.47" | 0.39" | 0.032" | 0.250" |

Nylon Insulated with Insulation Grip Male Disconnect

Terminal Type Disconnect
 Terminal Style Standard
 Fastener Orientation Male
 Insulation Material Nylon
 Barrel Style Insulation Grip
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin  With U.S. and Global Content



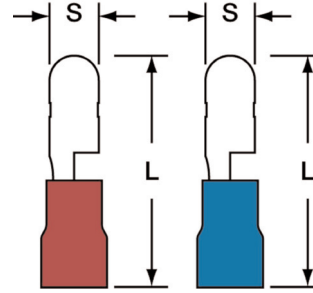
| Product No. | UPC | Conductor Size | Male Tab Width (W') | (L) | Thickness | Barrel I.D. | Max. Insul. Dia. |
|---------------|--------------|----------------|---------------------|-------|-----------|-------------|------------------|
| 71M-187-20-NB | 054007-30121 | 22 - 18 AWG | 0.187" | 0.84" | 0.020" | 0.080" | 0.145" |
| 71M-250-32-NB | 054007-30114 | 22 - 18 AWG | 0.250" | 0.92" | 0.032" | 0.065" | 0.145" |
| 72M-187-20-NB | 054007-29230 | 16 - 14 AWG | 0.187" | 0.84" | 0.020" | 0.080" | 0.145" |
| 72M-250-32-NB | 054007-29231 | 16 - 14 AWG | 0.250" | 0.94" | 0.032" | 0.085" | 0.170" |
| 73M-250-32-NB | 054007-29232 | 12 - 10 AWG | 0.250" | 1.05" | 0.032" | 0.150" | 0.250" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Male Disconnects

Nylon Insulated with Insulation Grip Bullet Style Male Disconnect

| | |
|----------------------|------------------|
| Terminal Type | Disconnect |
| Terminal Style | Bullet Snap Plug |
| Fastener Orientation | Male |
| Insulation Material | Nylon |
| Barrel Style | Insulation Grip |
| RoHS 2011/65/EU | Yes |
| Manufacturing Origin | Taiwan |

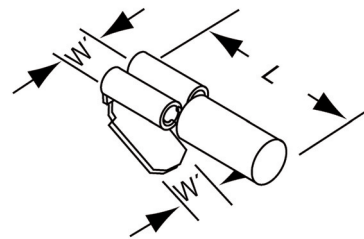


| Product No. | UPC | Conductor Size | Mating Snap Diameter (S) | (L) | Max. Insul. Dia. |
|--------------|--------------|----------------|--------------------------|-------|------------------|
| 81M-156-NB-A | 051138-98087 | 22 - 18 AWG | 0.156" | 0.87" | 0.150" |
| 81M-180-NB-A | 051138-98099 | 22 - 18 AWG | 0.180" | 0.87" | 0.150" |
| 82M-156-NB-A | 051138-98136 | 16 - 14 AWG | 0.156" | 0.87" | 0.190" |
| 82M-180-NB-A | 051138-98154 | 16 - 14 AWG | 0.180" | 0.87" | 0.170" |

3M™ Terminals: 3M™ Piggy-Back Disconnects

Non-Insulated Butted Seam Multi-Stack Disconnect

| | |
|----------------------|---------------|
| Terminal Type | Disconnect |
| Terminal Style | Multi-Stack |
| Fastener Orientation | Male-Female |
| Insulation Material | Non-Insulated |
| Barrel Style | Butted |
| RoHS 2011/65/EU | Yes |
| Manufacturing Origin | Taiwan |

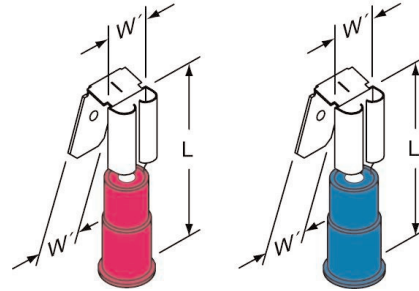


| Product No. | UPC | Conductor Size | Mating Snap Diameter (S) | Thickness | (L) | Barrel I.D. |
|-------------|--------------|----------------|--------------------------|-----------|-------|-------------|
| 772-250-A | 054007-29955 | 16 - 14 AWG | 0.250" | 0.032" | 0.66" | 0.090" |

3M™ Terminals: 3M™ Piggy-Back Disconnects

Vinyl Insulated Butted Seam Piggy-Back Disconnect

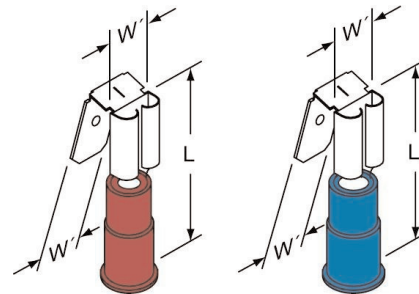
| | |
|----------------------|-------------|
| Terminal Type | Disconnect |
| Terminal Style | Piggy-Back |
| Fastener Orientation | Male-Female |
| Insulation Material | Vinyl |
| Barrel Style | Butted |
| RoHS 2011/65/EU | Yes |
| Manufacturing Origin | Taiwan |



| Product No. | UPC | Conductor Size | Mates with Male Tab Width (W') | (L) | Thickness | Barrel Length | Barrel I.D. | Max. Insul. Dia. |
|-------------|--------------|----------------|--------------------------------|-------|-----------|---------------|-------------|------------------|
| 771-250-P-A | 051138-98061 | 22 - 18 AWG | 0.250" | 0.87" | 0.032" | 0.23" | 0.070" | 0.150" |
| 772-250-P-A | 051138-98072 | 16 - 14 AWG | 0.250" | 0.87" | 0.032" | 0.23" | 0.090" | 0.170" |

Nylon Insulated with Insulation Grip Piggy-Back Disconnect

| | |
|----------------------|-----------------|
| Terminal Type | Disconnect |
| Terminal Style | Piggy-Back |
| Fastener Orientation | Male-Female |
| Insulation Material | Nylon |
| Barrel Style | Insulation Grip |
| RoHS 2011/65/EU | Yes |
| Manufacturing Origin | Taiwan |




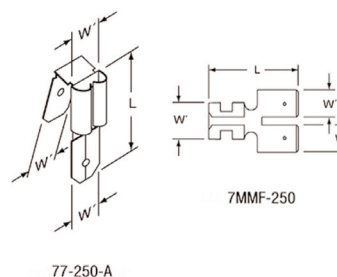
| Product No. | UPC | Conductor Size | Mates with Male Tab Width (W') | (L) | Thickness | Max. Insul. Dia. |
|--------------|--------------|----------------|--------------------------------|-------|-----------|------------------|
| 771-250-NB-A | 051138-98057 | 22 - 18 AWG | 0.250" | 0.91" | 0.032" | 0.150" |
| 772-250-NB-A | 051138-98066 | 16 - 14 AWG | 0.250" | 0.91" | 0.032" | 0.190" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Adapters



Non-Insulated Double Male-Female Adapter

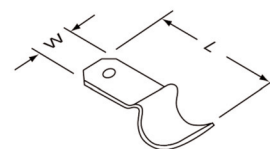
| | |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------|
| Terminal Type | Disconnect |
| Terminal Style | Adapter |
| Fastener Orientation | Double Male-Female |
| Insulation Material | Non-Insulated |
| Barrel Style | Butted |
| RoHS 2011/65/EU | Yes |
| Agency Approval |  Except for 77-250-A Adapters |
| Manufacturing Origin | Taiwan |



| Product No. | UPC | Mates with Female and Male Tab Width (W') | (L) | Thickness |
|-------------|--------------|-------------------------------------------|-------|-----------|
| 77-250-A | 051128-57424 | 0.250" | 0.70" | 0.032" |
| 7MMF-250 | 054007-29955 | 0.250" | 0.76" | 0.032" |

Non-Insulated Fuse-Clip Disconnect Adapter

| | |
|-----------------------------|-------------------------------------------------------------------------------------|
| Terminal Type | Disconnect |
| Terminal Style | Fuse-clip |
| Fastener Orientation | Male |
| Insulation Material | Non-Insulated |
| Barrel Style | NA |
| RoHS 2011/65/EU | Yes |
| Agency Approval |  |
| Manufacturing Origin |  |




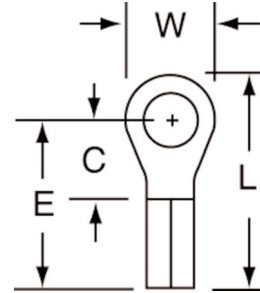
| Product No. | UPC | Male Tab Width (W') | (L) | Thickness |
|-------------|--------------|---------------------|-------|-----------|
| 7M-250 | 054007-30095 | 0.250" | 0.77" | 0.030" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ High Temperature Terminals


Butted Seam 900°F (482°C) High Temperature Ring Tongue

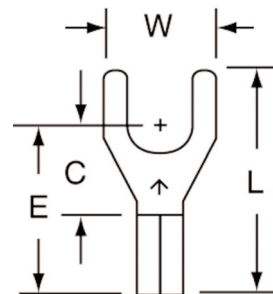
| | |
|----------------------|-----------------------------------------------------------------------------------|
| Terminal Type | Ring |
| Terminal Style | High Temperature |
| Insulation Material | Non-Insulated |
| Barrel Style | Butted |
| RoHS 2011/65/EU | Yes |
| Manufacturing Origin |  |



| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|
| HT-11-6S | 054007-29353 | 22 - 18 AWG | 6 | 0.25" | 0.22" | 0.60" | 0.47" | 0.030" | 0.070" |
| HT-11-10 | 054007-29354 | 22 - 18 AWG | 10 | 0.33" | 0.29" | 0.70" | 0.54" | 0.030" | 0.070" |
| HT-11-14 | 054007-29355 | 22 - 18 AWG | 1/4" | 0.56" | 0.40" | 0.93" | 0.65" | 0.030" | 0.070" |
| HT-12-6S | 054007-29356 | 16 - 14 AWG | 6 | 0.25" | 0.22" | 0.60" | 0.47" | 0.030" | 0.090" |
| HT-12-10 | 054007-29357 | 16 - 14 AWG | 10 | 0.33" | 0.29" | 0.70" | 0.54" | 0.030" | 0.090" |
| HT-12-14 | 054007-29358 | 16 - 14 AWG | 1/4" | 0.56" | 0.40" | 0.93" | 0.65" | 0.030" | 0.090" |
| HT-13-6 | 054007-29359 | 12 - 10 AWG | 6 | 0.38" | 0.29" | 0.73" | 0.54" | 0.040" | 0.135" |
| HT-13-10 | 054007-29360 | 12 - 10 AWG | 10 | 0.38" | 0.29" | 0.73" | 0.54" | 0.040" | 0.135" |
| HT-13-14 | 054007-29361 | 12 - 10 AWG | 1/4" | 0.59" | 0.44" | 0.99" | 0.69" | 0.040" | 0.135" |
| HT-13-38 | 054007-29362 | 12 - 10 AWG | 3/8" | 0.61" | 0.44" | 0.99" | 0.69" | 0.040" | 0.135" |
| HT-14-14S | 054007-29363 | 8 AWG | 1/4" | 0.47" | 0.40" | 0.95" | 0.71" | 0.050" | 0.185" |
| HT-15-38 | 054007-29364 | 6 AWG | 3/8" | 0.63" | 0.52" | 1.22" | 0.91" | 0.050" | 0.255" |
| HT-16-38 | 054007-29365 | 4 AWG | 3/8" | 0.68" | 0.53" | 1.34" | 1.00" | 0.075" | 0.285" |

Butted Seam 900°F (482°C) High Temperature Standard Fork

| | |
|----------------------|-------------------------------------------------------------------------------------|
| Terminal Type | Fork |
| Terminal Style | High Temperature |
| Insulation Material | Non-Insulated |
| Barrel Style | Butted |
| RoHS 2011/65/EU | Yes |
| Manufacturing Origin |  |




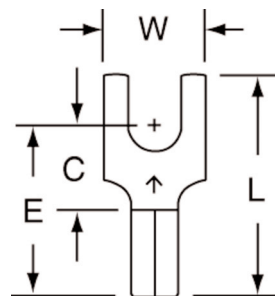
| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|
| HT-31-10 | 054007-29612 | 22 - 18 AWG | 10 | 0.34" | 0.29" | 0.70" | 0.54" | 0.030" | 0.070" |
| HT-32-10 | 054007-29613 | 16 - 14 AWG | 10 | 0.34" | 0.29" | 0.70" | 0.54" | 0.030" | 0.090" |
| HT-33-10 | 054007-29600 | 12 - 10 AWG | 10 | 0.38" | 0.28" | 0.73" | 0.53" | 0.040" | 0.135" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ High Temperature Terminals


Butted Seam 900°F (482°C) High Temperature Block Fork

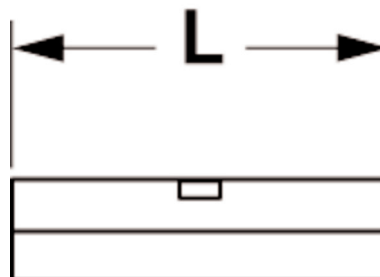
| | |
|----------------------|-----------------------------------------------------------------------------------|
| Terminal Type | Fork |
| Terminal Style | High Temperature Block |
| Insulation Material | Non-Insulated |
| Barrel Style | Butted |
| RoHS 2011/65/EU | Yes |
| Manufacturing Origin |  |



| Product No. | UPC | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. |
|-------------|--------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|
| HT-BS-31-6 | 054007-29601 | 22 - 18 AWG | 6 | 0.30" | 0.25" | 0.65" | 0.50" | 0.030" | 0.070" |
| HT-BS-32-6 | 054007-29602 | 16 - 14 AWG | 6 | 0.30" | 0.25" | 0.65" | 0.50" | 0.030" | 0.090" |

Butted Seam 900°F (482°C) High Temperature Butt Connector

| | |
|----------------------|-------------------------------------------------------------------------------------|
| Terminal Type | Butt |
| Terminal Style | High Temperature |
| Insulation Material | Non-Insulated |
| Barrel Style | Butted |
| RoHS 2011/65/EU | Yes |
| Manufacturing Origin |  |




| Product No. | UPC | Conductor Size | (L) | Thickness | Barrel Length | Barrel I.D. |
|-------------|--------------|----------------|-------|-----------|---------------|-------------|
| HT-61 | 054007-29366 | 22 - 18 AWG | 0.56" | 0.030" | 0.25" | 0.070" |
| HT-62 | 054007-29367 | 16 - 14 AWG | 0.56" | 0.030" | 0.25" | 0.090" |
| HT-63 | 054007-29368 | 12 - 10 AWG | 0.56" | 0.040" | 0.25" | 0.135" |

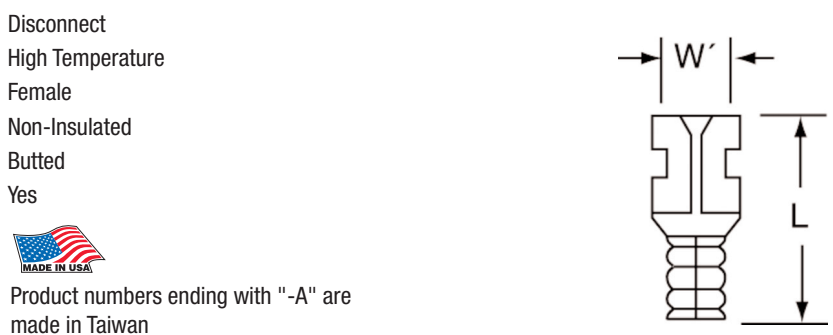
Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ High Temperature Terminals

Butted Seam 900°F (482°C) High Temperature Female Disconnect

Terminal Type Disconnect
 Terminal Style High Temperature
 Fastener Orientation Female
 Insulation Material Non-Insulated
 Barrel Style Butted
 RoHS 2011/65/EU Yes

Manufacturing Origin  Product numbers ending with "-A" are made in Taiwan



| Product No. | UPC | Conductor Size | Mates with Male Tab Width (W') | (L) | Thickness | Barrel Length | Barrel I.D. |
|-----------------|--------------|----------------|--------------------------------|-------|-----------|---------------|-------------|
| HT-72F-187-20 | 054007-29369 | 16 - 14 AWG | 0.187" | 0.58" | 0.020" | 0.25" | 0.085" |
| HT-72F-250-32 | 054007-29370 | 16 - 14 AWG | 0.250" | 0.64" | 0.032" | 0.23" | 0.095" |
| HT-73F-250-32-A | 054007-49568 | 12 - 10 AWG | 0.250" | 0.64" | 0.032" | 0.23" | 0.140" |

Butted Seam 900°F (482°C) High Temperature Male Disconnect

Terminal Type Disconnect
 Terminal Style High Temperature
 Fastener Orientation Male
 Insulation Material Non-Insulated
 Barrel Style Butted
 RoHS 2011/65/EU Yes

Manufacturing Origin  Product numbers ending with "-A" are made in Taiwan




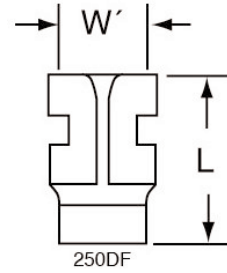
| Product No. | UPC | Conductor Size | Male Tab Width (W') | (L) | Thickness | Barrel Length | Barrel I.D. |
|---------------|--------------|----------------|---------------------|-------|-----------|---------------|-------------|
| HT-72M-187-20 | 054007-29371 | 16 - 14 AWG | 0.187" | 0.64" | 0.020" | 0.24" | 0.080" |
| HT-72M-250-32 | 054007-29372 | 16 - 14 AWG | 0.250" | 0.73" | 0.032" | 0.25" | 0.090" |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ High Temperature Terminals

Butted Seam 900°F (482°C) High Temperature Female Flag Disconnect

| | |
|----------------------|-----------------------------------------------------------------------------------|
| Terminal Type | Disconnect |
| Terminal Style | High Temperature |
| Fastener Orientation | Female Flag |
| Insulation Material | Non-Insulated |
| Barrel Style | Butted |
| RoHS 2011/65/EU | Yes |
| Manufacturing Origin |  |

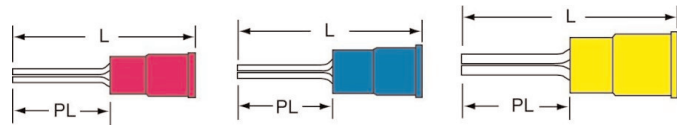


| Product No. | UPC | Conductor Size | Mates with Male Tab Width (W') | (L) | Thickness | Barrel Length | Barrel I.D. |
|---------------|--------------|----------------|--------------------------------|-------|-----------|---------------|-------------|
| HT-752-250-32 | 054007-29478 | 16 - 14 AWG | 0.250" | 0.51" | 0.032" | 0.26" | 0.095" |

3M™ Terminals: 3M™ Pin Terminals

Vinyl Insulated Butted Seam Pin Terminal

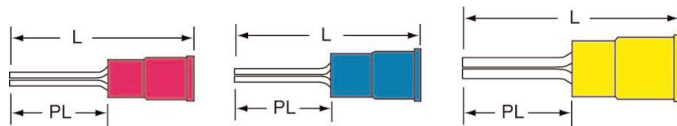
| | |
|----------------------|--------|
| Terminal Type | Pin |
| Insulation Material | Vinyl |
| Barrel Style | Butted |
| RoHS 2011/65/EU | Yes |
| Manufacturing Origin | Taiwan |



| Product No. | UPC | Conductor Size | (L) | Max. Insul. Dia. | Pin Length (PL) | Pin Diameter |
|-------------|--------------|----------------|-------|------------------|-----------------|--------------|
| 81P-47-P-A | 051138-98110 | 22 - 18 AWG | 0.90" | 0.150" | 0.47" | 0.075" |
| 82P-47-P-A | 051138-98170 | 16 - 14 AWG | 0.90" | 0.170" | 0.47" | 0.075" |
| 83P-55-P-A | 051138-98181 | 12 - 10 AWG | 1.06" | 0.250" | 0.55" | 0.110" |

Nylon Insulated with Insulation Grip Pin Terminal

| | |
|----------------------|-----------------|
| Terminal Type | Pin |
| Insulation Material | Nylon |
| Barrel Style | Insulation Grip |
| RoHS 2011/65/EU | Yes |
| Manufacturing Origin | Taiwan |



| Product No. | UPC | Conductor Size | (L) | Pin Length (PL) | Pin Diameter | Max. Insul. Dia. |
|-------------|--------------|----------------|-------|-----------------|--------------|------------------|
| 81P-47-NB-A | 051138-98105 | 22 - 18 AWG | 0.90" | 0.47" | 0.075" | 0.170" |
| 82P-47-NB-A | 051138-98165 | 16 - 14 AWG | 0.90" | 0.47" | 0.075" | 0.200" |
| 83P-55-NB-A | 051138-98176 | 12 - 10 AWG | 1.06" | 0.55" | 0.110" | 0.270" |

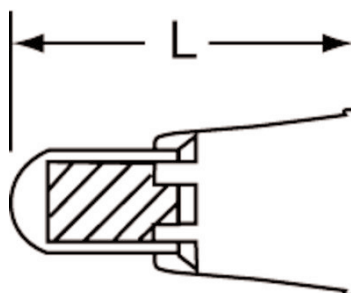
Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Closed End Connectors

Closed End Connector

3M™ Scotchlok™ Electrical Crimp Sleeve Connectors make fast work of splicing 22 to 10 AWG copper conductors. Smooth flared entry makes wire insertion fast – simply twist conductors together and crimp. The 722-N-A and 718-N-A connectors are insulated, closed-end crimp sleeve connectors with a copper insert. The rugged and resilient nylon insulator allows these connectors to be used in light fixtures, appliances and other electrical OEM applications.

| | |
|-------------------------------------------|------------|
| Terminal Type | Closed End |
| Insulation Material | Nylon |
| Maximum Voltage | 600 Volt |
| Maximum Operating Temperature (°F) | 221 °F |
| Maximum Operating Temperature (°C) | 105 °C |
| RoHS 2011/65/EU | Yes |
| Manufacturing Origin | Taiwan |




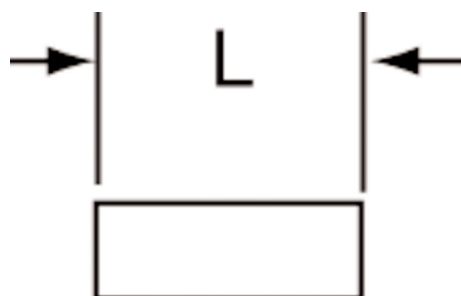
| Product No. | UPC | Maximum Wire Gauge | Minimum Wire Gauge | (L) | Cu Solid/Stranded Wire Combinations |
|-------------|--------------|--------------------|--------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 722-N-A | 051138-98049 | 22 AWG | 16 AWG | 0.83" | 2-5 #22; 1-4 #22 with 1-2 #20; 1-3 #22 with 1 #18; 1 #22 with 1 #16; 2-3 #20 |
| 718-N-A | 051138-98042 | 18 AWG | 10 AWG | 1.00" | 1 #22 with 1 #12 or #10; 1 #22 with 2 #14 or #16; 1 #22 with 1 #20 with 1 #12 or #14; 1 #22 with 1 #18 with 1 #12 or #14; 1 #22 with 1 #16 with 1 #12 or #14; 1 #22 with 1 #14 with 1 #12; 1-2 #20 with 1-2 #14; 1-2 #20 with 1 #12; 1 #20 with 1 #10; 1 #20 with 1 #16 with 1 #12; 1 #18 with 1 #14; 1 #18 with 1 #12; 1 #18 with 2 #16; 1 #18 with 1 #16 with 1 #12 or #14; 1 #16 with 1 #12 or #14; 3 #16; 1 #14 with 1 #12; 2 #14. |

Specialty Wire Terminals, Kits and Tools

3M™ Terminals: 3M™ Parallel Connectors

Non-Insulated Butted Seam Parallel Connector

| | |
|-----------------------------|-------------------------------------------------------------------------------------|
| Terminal Type | Parallel Connector |
| Insulation Material | Non-Insulated |
| Barrel Style | Butted |
| RoHS 2011/65/EU | Yes |
| Manufacturing Origin |  |

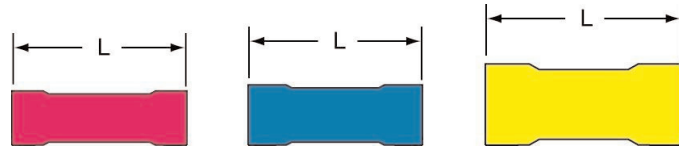


| Product No. | UPC | Conductor Size | (L) | Thickness | Barrel I.D. | Max. Insul. Dia. | Cu Stranded Wire Combinations |
|-------------|--------------|----------------|-------|-----------|-------------|------------------|--------------------------------------------------------------------------------------|
| 91 | 054007-28264 | 22 - 18 AWG | 0.31" | 0.030" | 0.070" | 0.145" | 1 #22 to 1 #22, 20, 18, 16; 1 #20 to 1 #20, 18, 16; 1 #18 to 1 #18 |
| 93 | 054007-28871 | 12 - 10 AWG | 0.31" | 0.040" | 0.135" | 0.250" | 1 #18 to 1 #18, 16, 14, 12, 10; 1 #16 to 1 #16, 14, 12, 10; 1 #14 to 1 #14, 12 |

3M™ Terminals: 3M™ Parallel Connectors

Vinyl Insulated Butted Seam Parallel Connector

Terminal Type Parallel Connector
 Insulation Material Vinyl
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Manufacturing Origin 



| Product No. | UPC | Conductor Size (L) | Thickness | Barrel I.D. | Max. Insul. Dia. | Cu Stranded Wire Combinations | |
|-------------|--------------|--------------------|-----------|-------------|------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------|
| 91-P | 054007-28263 | 22 - 18 AWG | 0.67" | 0.030" | 0.070" | 0.145" | 1 #22 to 1 #22, 20, 18, 16; 1 #20 to 1 #20, 18, 16; 1 #18 to 1 #18 |
| 92-P | 054007-28661 | 16 - 14 AWG | 0.67" | 0.030" | 0.090" | 0.170" | 1 #22 to 1 #22, 20, 18, 16, 14; 1 #20 to 1 #20, 18, 16, 14; 1 #18 to 1 #18, 16, 14; 1 #16 to 1 #16 |
| 93-P | 054007-28870 | 12 - 10 AWG | 0.87" | 0.040" | 0.135" | 0.250" | 1 #18 to 1 #18, 16, 14, 12, 10; 1 #16 to 1 #16, 14, 12, 10; 1 #14 to 1 #14, 12 |

Specialty Wire Terminals, Kits and Tools

3M™ Highland™ Terminals

3M Highland terminals, disconnects, and connectors are for use in the assembly and maintenance of electrical systems. 3M Highland terminals offer effective and reliable performance in a variety of types of general applications. Available in low quantity, reclosable bags, 3M Highland terminals are the optimal choice for smaller jobs.



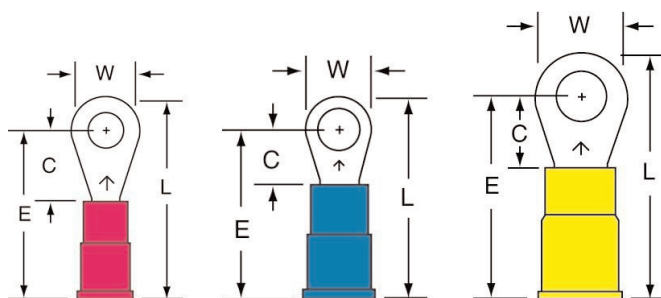
Specialty Wire Terminals, Kits and Tools

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3M™ Highland™ Terminals: 3M™ Highland™ Ring Tongues

Vinyl Insulated Butted Seam – Ring Tongues

Terminal Type Ring
 Terminal Style Standard
 Insulation Material Vinyl
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 





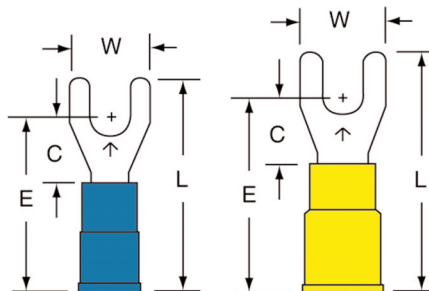
| Product No. | UPC | Conductor Size | Stud Size | Terminals per Bag |
|-------------|--------------|----------------|-----------|-------------------|
| RV18-6Q | 051128-60045 | 22 - 18 AWG | 6 | 25 |
| RV18-10Q | 051128-60043 | 22 - 18 AWG | 10 | 25 |
| RV18-8Q | 051128-60046 | 22 - 18 AWG | 8 | 25 |
| RV18-14Q | 051128-60044 | 22 - 18 AWG | 1/4" | 25 |
| RV14-6Q | 051128-60041 | 16 - 14 AWG | 6 | 25 |
| RV14-10Q | 051128-60038 | 16 - 14 AWG | 10 | 25 |
| RV14-8Q | 051128-60042 | 16 - 14 AWG | 8 | 25 |
| RV14-14Q | 051128-60039 | 16 - 14 AWG | 1/4" | 25 |
| RV14-516Q | 051128-60040 | 16 - 14 AWG | 5/16" | 25 |
| RV10-10Q | 051128-60032 | 12 - 10 AWG | 10 | 25 |
| RV10-6Q | 051128-60036 | 12 - 10 AWG | 6 | 25 |
| RV10-8Q | 051128-60037 | 12 - 10 AWG | 8 | 25 |
| RV10-14Q | 051128-60033 | 12 - 10 AWG | 1/4" | 25 |
| RV10-516Q | 051128-60035 | 12 - 10 AWG | 5/16" | 25 |
| RV10-38Q | 051128-60034 | 12 - 10 AWG | 3/8" | 25 |

Specialty Wire Terminals, Kits and Tools

3M™ Highland™ Terminals: 3M™ Highland™ Standard Forks

Vinyl Insulated Butted Seam – Standard Forks



Terminal Type Fork
Terminal Style Standard
Insulation Material Vinyl
Barrel Style Butted
RoHS 2011/65/EU Yes
Agency Approval 
Manufacturing Origin 

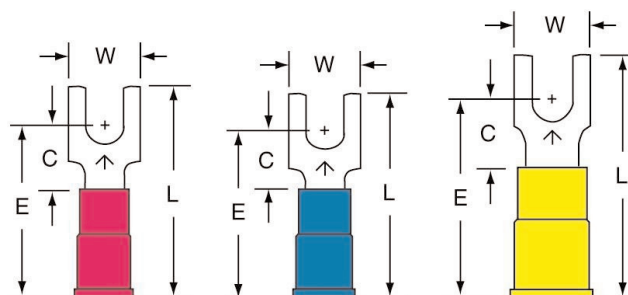


| Product No. | UPC | Conductor Size | Stud Size | Terminals per Bag |
|-------------|--------------|----------------|-----------|-------------------|
| FV14-6Q | 051128-60012 | 16 - 14 AWG | 6 | 25 |
| FV14-8Q | 051128-60013 | 16 - 14 AWG | 8 | 25 |
| FV14-10Q | 051128-60011 | 16 - 14 AWG | 10 | 25 |
| FV10-8Q | 051128-60010 | 12 - 10 AWG | 8 | 25 |
| FV10-10Q | 051128-60009 | 12 - 10 AWG | 10 | 25 |

3M™ Highland™ Terminals: 3M™ Highland™ Block Forks

Vinyl Insulated Butted Seam – Block Forks

Terminal Type Fork
Terminal Style Block
Insulation Material Vinyl
Barrel Style Butted
RoHS 2011/65/EU Yes
Agency Approval 
Manufacturing Origin 





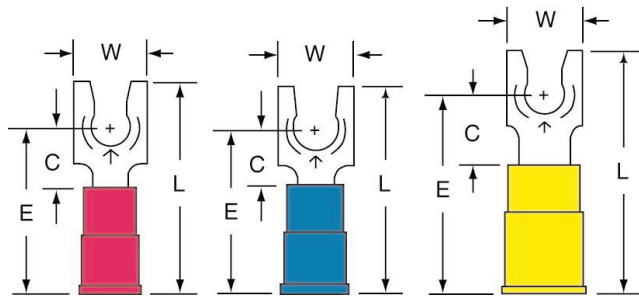
| Product No. | UPC | Conductor Size | Stud Size | Terminals per Bag |
|-------------|--------------|----------------|-----------|-------------------|
| BFV18-6Q | 051128-59994 | 22 - 18 AWG | 6 | 25 |
| BFV18-8Q | 051128-59995 | 22 - 18 AWG | 8 | 25 |
| BFV18-10Q | 051128-59993 | 22 - 18 AWG | 10 | 25 |
| BFV14-6Q | 051128-59991 | 16 - 14 AWG | 6 | 25 |
| BFV14-8Q | 051128-59992 | 16 - 14 AWG | 8 | 25 |
| BFV14-10Q | 051128-59990 | 16 - 14 AWG | 10 | 25 |
| BFV10-6Q | 051128-59988 | 12 - 10 AWG | 6 | 25 |
| BFV10-8Q | 051128-59989 | 12 - 10 AWG | 8 | 25 |
| BFV10-10Q | 051128-59987 | 12 - 10 AWG | 10 | 25 |

Specialty Wire Terminals, Kits and Tools

3M™ Highland™ Terminals: 3M™ Highland™ Locking Forks

Vinyl Insulated Butted Seam – Locking Forks



Terminal Type Fork
 Terminal Style Locking
 Insulation Material Vinyl
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 

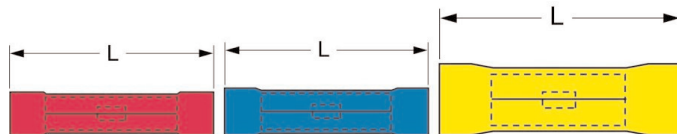


| Product No. | UPC | Conductor Size | Stud Size | Terminals per Bag |
|-------------|--------------|----------------|-----------|-------------------|
| LFV18-6Q | 051128-60020 | 22 - 18 AWG | 6 | 25 |
| LFV18-8Q | 051128-60021 | 22 - 18 AWG | 8 | 25 |
| LFV14-6Q | 051128-60018 | 16 - 14 AWG | 6 | 25 |
| LFV14-8Q | 051128-60019 | 16 - 14 AWG | 8 | 25 |
| LFV14-10Q | 051128-60017 | 16 - 14 AWG | 10 | 25 |
| LFV10-6Q | 051128-60015 | 12 - 10 AWG | 6 | 25 |
| LFV10-8Q | 051128-60016 | 12 - 10 AWG | 8 | 25 |
| LFV10-10Q | 051128-60014 | 12 - 10 AWG | 10 | 25 |

3M™ Highland™ Terminals: 3M™ Highland™ Butt Splices

Vinyl Insulated Butted Seam – Butt Splices

Terminal Type Butt
 Terminal Style Standard
 Insulation Material Vinyl
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 





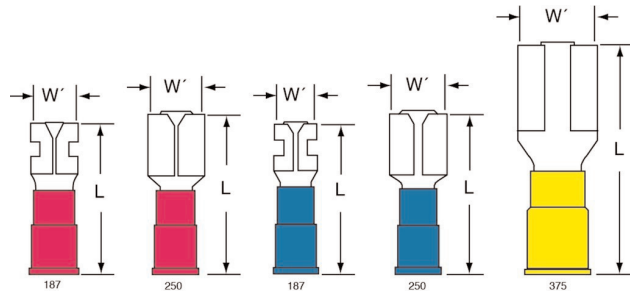
| Product No. | UPC | Conductor Size | Terminals per Bag |
|-------------|--------------|----------------|-------------------|
| BSV18Q | 051128-59998 | 22 - 18 AWG | 25 |
| BSV14Q | 051128-59997 | 16 - 14 AWG | 25 |
| BSV10Q | 051128-59996 | 12 - 10 AWG | 25 |

Specialty Wire Terminals, Kits and Tools

3M™ Highland™ Terminals: 3M™ Highland™ Female Disconnects



Vinyl Insulated Butted Seam – Female Disconnects

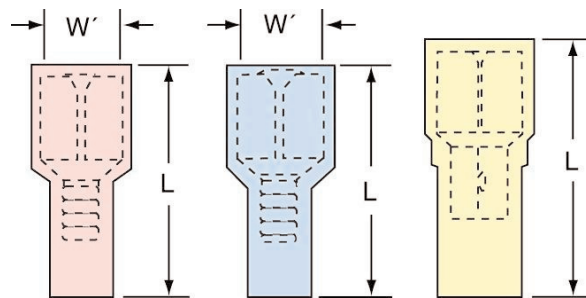
Terminal Type Disconnect
Terminal Style Standard
Fastener Orientation Female
Insulation Material Vinyl
Barrel Style Butted
RoHS 2011/65/EU Yes
Agency Approval 
Manufacturing Origin 



| Product No. | UPC | Conductor Size | Mates with Male Tab Width (W') | Terminals per Bag |
|-------------|--------------|----------------|--------------------------------|-------------------|
| FDV18-187Q | 051128-60007 | 22 - 18 AWG | 0.187" | 25 |
| FDV18-250Q | 051128-60008 | 22 - 18 AWG | 0.250" | 25 |
| FDV14-187Q | 051128-60005 | 16 - 14 AWG | 0.187" | 25 |
| FDV14-250Q | 051128-60006 | 16 - 14 AWG | 0.250" | 25 |
| FDV10-250Q | 051128-60004 | 12 - 10 AWG | 0.250" | 25 |

Nylon Fully Insulated Butted Seam – Female Disconnects

Terminal Type Disconnect
Terminal Style Fully Insulated
Fastener Orientation Female
Insulation Material Nylon
Barrel Style Butted
RoHS 2011/65/EU Yes
Agency Approval 
Manufacturing Origin 





| Product No. | UPC | Conductor Size | Mates with Male Tab Width (W') | Terminals per Bag |
|-------------|--------------|----------------|--------------------------------|-------------------|
| FDI18-187Q | 051128-60002 | 22 - 18 AWG | 0.187" | 25 |
| FDI18-250Q | 051128-60003 | 22 - 18 AWG | 0.250" | 25 |
| FDI14-187Q | 051128-60000 | 16 - 14 AWG | 0.187" | 25 |
| FDI14-250Q | 051128-60001 | 16 - 14 AWG | 0.250" | 25 |
| FDI10-250Q | 051128-59999 | 12 - 10 AWG | 0.250" | 25 |


Specialty Wire Terminals, Kits and Tools

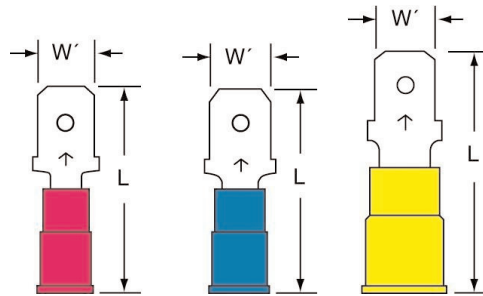
3M™ Highland™ Terminals: 3M™ Highland™ Male Disconnects

Vinyl Insulated Butted Seam – Male Disconnects

Terminal Type Disconnect
 Terminal Style Standard
 Fastener Orientation Male
 Insulation Material Vinyl
 Barrel Style Butted
 RoHS 2011/65/EU Yes

Agency Approval  



Manufacturing Origin 




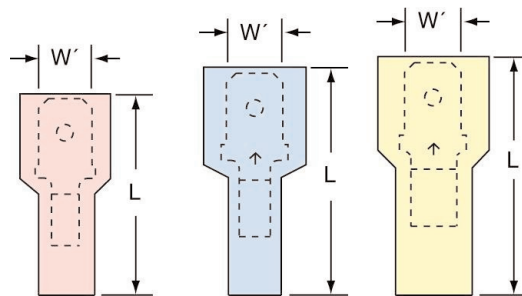
| Product No. | UPC | Conductor Size | Mates with Male Tab Width (W') | Terminals per Bag |
|-------------|--------------|----------------|--------------------------------|-------------------|
| MTV18-187Q | 051128-60030 | 22 - 18 AWG | 0.187" | 25 |
| MTV18-250Q | 051128-60031 | 22 - 18 AWG | 0.250" | 25 |
| MTV14-187Q | 051128-60028 | 16 - 14 AWG | 0.187" | 25 |
| MTV14-250Q | 051128-60029 | 16 - 14 AWG | 0.250" | 25 |
| MTV10-250Q | 051128-60027 | 12 - 10 AWG | 0.250" | 25 |

Nylon Fully Insulated Butted Seam – Male Disconnects

Terminal Type Disconnect
 Terminal Style Fully Insulated
 Fastener Orientation Male
 Insulation Material Nylon
 Barrel Style Butted
 RoHS 2011/65/EU Yes

Agency Approval  

Manufacturing Origin 



| Product No. | UPC | Conductor Size | Mates with Male Tab Width (W') | Terminals per Bag |
|-------------|--------------|----------------|--------------------------------|-------------------|
| MTI18-187Q | 051128-60025 | 22 - 18 AWG | 0.187" | 25 |
| MTI18-250Q | 051128-60026 | 22 - 18 AWG | 0.250" | 25 |
| MTI14-187Q | 051128-60023 | 16 - 14 AWG | 0.187" | 25 |
| MTI14-250Q | 051128-60024 | 16 - 14 AWG | 0.250" | 25 |
| MTI10-250Q | 051128-60022 | 12 - 10 AWG | 0.250" | 25 |

Specialty Wire Terminals, Kits and Tools

3M™ Specialty Bagged Terminals

3M specialty bagged terminals, disconnects, and connectors are for use in the assembly and maintenance of electrical systems. 3M terminals offer effective and reliable performance in a variety of types of general applications.



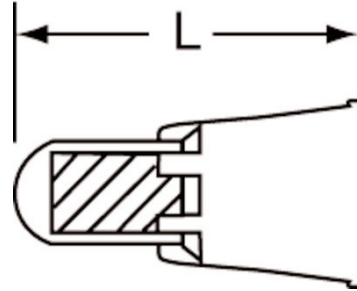
Specialty Wire Terminals, Kits and Tools

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3M™ Specialty Bagged Terminals: 3M™ Closed End Connectors

Closed End Connector, Bag

| | |
|------------------------------------|------------|
| Terminal Type | Closed End |
| Insulation Material | Nylon |
| Maximum Voltage | 600 Volt |
| Maximum Operating Temperature (°F) | 221 °F |
| Maximum Operating Temperature (°C) | 105 °C |
| Manufacturing Origin | Taiwan |

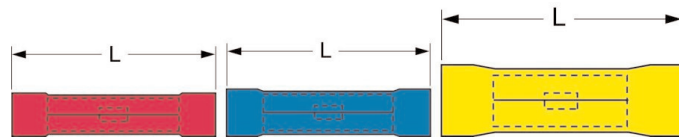


| Product No. | UPC | Description | Maximum Wire Gauge | Minimum Wire Gauge | (L) | Cu Solid/Stranded Wire Combinations | Qty./Bag |
|-------------|--------------|-------------|--------------------|--------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 94813-A | 051138-98056 | 722-N-A | 22 AWG | 16 AWG | 0.83" | 2-5 #22; 1-4 #22 with 1-2 #20; 1-3 #22 with 1 #18; 1 #22 with 1 #16; 2-3 #20 | 50 |
| 94796-A | 051138-98048 | 718-N-A | 18 AWG | 10 AWG | 1.00" | 1 #22 with 1 #12 or #10; 1 #22 with 2 #14 or #16; 1 #22 with 1 #20 with 1 #12 or #14; 1 #22 with 1 #18 with 1 #12 or #14; 1 #22 with 1 #16 with 1 #12 or #14; 1 #22 with 1 #14 with 1 #12; 1-2 #20 with 1-2 #14; 1-2 #20 with 1 #12; 1 #20 with 1 #10; 1 #20 with 1 #16 with 1 #12; 1 #18 with 1 #14; 1 #18 with 1 #12; 1 #18 with 2 #16; 1 #18 with 1 #16 with 1 #12 or #14; 1 #16 with 1 #12 or #14; 3 #16; 1 #14 with 1 #12; 2 #14. | 50 |

3M™ Specialty Bagged Terminals: 3M™ Butt Connectors

Vinyl Insulated Butted Seam Butt Connector, Bag

| | |
|----------------------|----------|
| Terminal Type | Butt |
| Terminal Style | Standard |
| Insulation Material | Vinyl |
| Barrel Style | Butted |
| RoHS 2011/65/EU | Yes |
| Agency Approval | |
| Manufacturing Origin | |

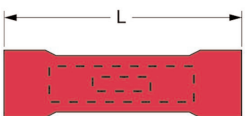
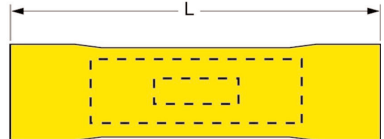





| Product No. | UPC | Description | Conductor Size | (L) | Thickness | Barrel Length | Barrel I.D. | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|-------------|----------------|-------|-----------|---------------|-------------|------------------|----------|
| 94785 | 054007-94785 | 61-P | 22 - 18 AWG | 1.00" | 0.030" | 0.25" | 0.070" | 0.145" | 100 |
| 94788 | 054007-94788 | 62-P | 16 - 14 AWG | 1.00" | 0.030" | 0.25" | 0.090" | 0.170" | 100 |
| 94791 | 054007-94791 | 63-P | 12 - 10 AWG | 1.02" | 0.040" | 0.25" | 0.135" | 0.250" | 50 |

Specialty Wire Terminals, Kits and Tools

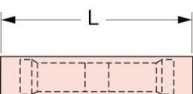
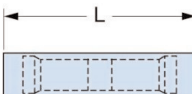
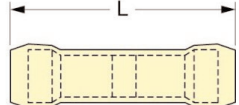



3M™ Specialty Bagged Terminals: 3M™ Butt Connectors

Vinyl Insulated Brazed Seam Butt Connector, Bag

| | | | |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Terminal Type | Butt |  |  |
| Terminal Style | Standard | | |
| Insulation Material | Vinyl | | |
| Barrel Style | Brazed | | |
| RoHS 2011/65/EU | Yes | | |
| Agency Approval |   | | |
| Manufacturing Origin |  | | |

| Product No. | UPC | Description | Conductor Size | (L) | Thickness | Barrel Length | Barrel I.D. | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|-------------|----------------|-------|-----------|---------------|-------------|------------------|----------|
| 94793 | 054007-94793 | 64-WP | 8 AWG | 1.50" | 0.050" | 0.38" | 0.175" | 0.300" | 25 |
| 94795 | 054007-94795 | 66-WP | 4 AWG | 2.17" | 0.075" | 0.53" | 0.280" | 0.480" | 15 |

Nylon Insulated with Insulation Grip Butt Connector, Bag



| | | | | |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Terminal Type | Butt |  |  |  |
| Terminal Style | Standard | | | |
| Insulation Material | Nylon with Insulation Grip | | | |
| Barrel Style | Butted | | | |
| RoHS 2011/65/EU | Yes | | | |
| Agency Approval |   | | | |
| Manufacturing Origin |  | | | |

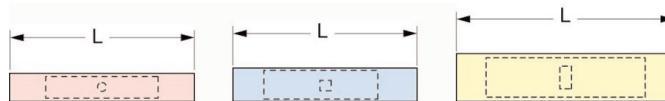
| Product No. | UPC | Description | Conductor Size | (L) | Thickness | Barrel Length | Barrel I.D. | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|-------------|----------------|-------|-----------|---------------|-------------|------------------|----------|
| 94784 | 054007-94784 | 61-NB | 22 - 18 AWG | 1.00" | 0.030" | 0.25" | 0.070" | 0.145" | 100 |
| 94787 | 054007-94787 | 62-NB | 16 - 14 AWG | 1.00" | 0.030" | 0.25" | 0.090" | 0.170" | 100 |
| 94790 | 054007-94790 | 63-NB | 12 - 10 AWG | 1.15" | 0.040" | 0.25" | 0.135" | 0.250" | 50 |

Specialty Wire Terminals, Kits and Tools

3M™ Specialty Bagged Terminals: 3M™ Butt Connectors


Nylon Insulated Seamless Butt Connector, Bag

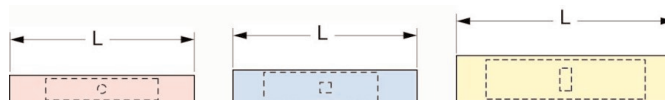
| | |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Terminal Type | Butt |
| Terminal Style | Standard |
| Insulation Material | Nylon |
| Barrel Style | Seamless |
| RoHS 2011/65/EU | Yes |
| Agency Approval |   |
| Manufacturing Origin | Taiwan |



| Product No. | UPC | Description | Conductor Size | (L) | Thickness | Barrel Length | Barrel I.D. | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|-------------|----------------|-------|-----------|---------------|-------------|------------------|----------|
| 94786-A | 054007-94786 | 61-SN-A | 22 - 18 AWG | 1.02" | 0.031" | 0.28" | 0.062" | 0.125" | 100 |
| 94789-A | 054007-94789 | 62-SN-A | 16 - 14 AWG | 1.02" | 0.031" | 0.30" | 0.095" | 0.155" | 100 |
| 94792-A | 054007-94792 | 63-SN-A | 12 - 10 AWG | 1.20" | 0.038" | 0.38" | 0.142" | 0.218" | 50 |

Heat Shrink Nylon Insulated Seamless Butt Connector, Bag

| | |
|----------------------|-------------------------------------------------------------------------------------|
| Terminal Type | Butt |
| Terminal Style | Standard |
| Insulation Material | Heat Shrink |
| Barrel Style | Seamless |
| RoHS 2011/65/EU | Yes |
| Manufacturing Origin |  |




| Product No. | UPC | Description | Conductor Size | (L) | Thickness | Barrel Length | Barrel I.D. | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|-------------|----------------|-------|-----------|---------------|-------------|------------------|----------|
| 94861 | 054007-94861 | MH18BCX | 22 - 18 AWG | 1.02" | 0.031" | 0.28" | 0.062" | 0.125" | 25 |
| 94857 | 054007-94857 | MH14BCX | 16 - 14 AWG | 1.02" | 0.031" | 0.30" | 0.095" | 0.155" | 25 |
| 94850 | 054007-94850 | MH10BCX | 12 - 10 AWG | 1.20" | 0.038" | 0.38" | 0.142" | 0.218" | 25 |


Specialty Wire Terminals, Kits and Tools

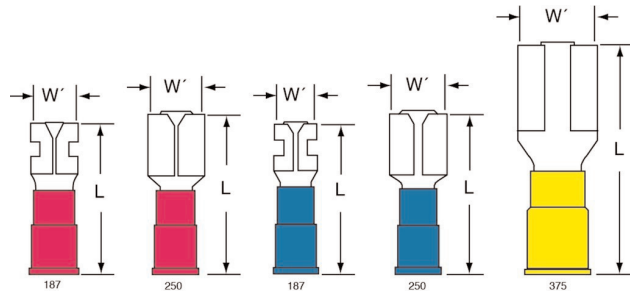
3M™ Specialty Bagged Terminals: 3M™ Female Disconnects

Vinyl Insulated Butted Seam Female Disconnect, Bag

Terminal Type Disconnect
 Terminal Style Standard
 Fastener Orientation Female
 Insulation Material Vinyl
 Barrel Style Butted
 RoHS 2011/65/EU Yes

Agency Approval 


Manufacturing Origin 




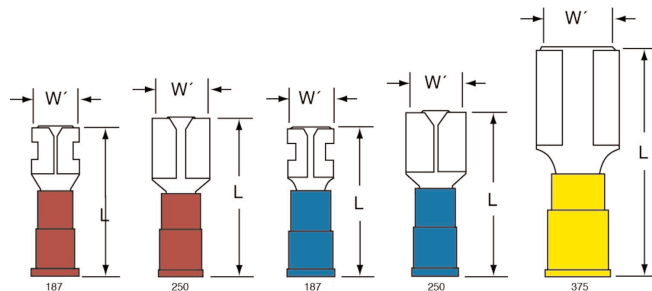
| Product No. | UPC | Description | Conductor Size | Mates with Male Tab Width (W') | Thickness | (L) | Barrel I.D. | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|--------------|----------------|--------------------------------|-----------|-------|-------------|------------------|----------|
| 94800 | 054007-94800 | 71F-187-20-P | 22 - 18 AWG | 0.187" | 0.020" | 0.78" | 0.085" | 0.145" | 100 |
| 94804 | 054007-94804 | 71F-250-32-P | 22 - 18 AWG | 0.250" | 0.032" | 0.87" | 0.080" | 0.145" | 100 |
| 94817 | 054007-94817 | 72F-187-20-P | 16 - 14 AWG | 0.187" | 0.020" | 0.78" | 0.085" | 0.145" | 100 |
| 94821 | 054007-94821 | 72F-250-32-P | 16 - 14 AWG | 0.250" | 0.032" | 0.87" | 0.080" | 0.145" | 100 |
| 94833 | 054007-94833 | 73F-250-32-P | 12 - 10 AWG | 0.250" | 0.032" | 0.95" | 0.165" | 0.250" | 50 |

Nylon Insulated with Insulation Grip Female Disconnect, Bag

Terminal Type Disconnect
 Terminal Style Standard
 Fastener Orientation Female
 Insulation Material Nylon with Insulation Grip
 Barrel Style Butted
 RoHS 2011/65/EU Yes

Agency Approval 
 Except for 110 & 375 Female Disconnects

Manufacturing Origin 



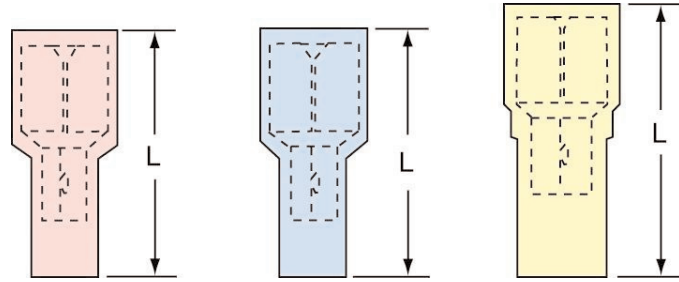
| Product No. | UPC | Description | Conductor Size | Mates with Male Tab Width (W') | Thickness | (L) | Barrel I.D. | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|---------------|----------------|--------------------------------|-----------|-------|-------------|------------------|----------|
| 94797 | 054007-94797 | 71F-187-20-NB | 22 - 18 AWG | 0.187" | 0.020" | 0.77" | 0.085" | 0.145" | 100 |
| 94801 | 054007-94801 | 71F-250-32-NB | 22 - 18 AWG | 0.250" | 0.032" | 0.86" | 0.080" | 0.145" | 100 |
| 94814 | 054007-94814 | 72F-187-20-NB | 16 - 14 AWG | 0.187" | 0.020" | 0.77" | 0.085" | 0.145" | 100 |
| 94818 | 054007-94818 | 72F-250-32-NB | 16 - 14 AWG | 0.250" | 0.032" | 0.86" | 0.080" | 0.145" | 100 |
| 94830 | 054007-94830 | 73F-250-32-NB | 12 - 10 AWG | 0.250" | 0.032" | 0.94" | 0.128" | 0.250" | 100 |

Specialty Wire Terminals, Kits and Tools

3M™ Specialty Bagged Terminals: 3M™ Female Disconnects

Nylon Fully Insulated with Insulation Grip Female Disconnect, Bag

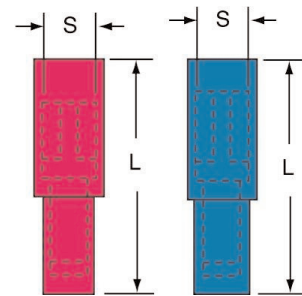
Terminal Type Disconnect
 Terminal Style Fully Insulated
 Fastener Orientation Female
 Insulation Material Nylon with Insulation Grip
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 



| Product No. | UPC | Description | Conductor Size | Mates with Male Tab Width (W') | (L) | (W) | Diameter (D) | Thickness | Barrel I.D. | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|----------------|----------------|--------------------------------|-------|-------|--------------|-----------|-------------|------------------|----------|
| 94798 | 054007-94798 | 71F-187-20-NBL | 22 - 18 AWG | 0.187" | 0.81" | 0.30" | 0.23" | 0.020" | 0.085" | 0.145" | 100 |
| 94802 | 054007-94802 | 71F-250-32-NBL | 22 - 18 AWG | 0.250" | 0.87" | 0.37" | 0.23" | 0.032" | 0.080" | 0.145" | 100 |
| 94815 | 054007-94815 | 72F-187-20-NBL | 16 - 14 AWG | 0.187" | 0.81" | 0.30" | 0.23" | 0.020" | 0.085" | 0.145" | 100 |
| 94819 | 054007-94819 | 72F-250-32-NBL | 16 - 14 AWG | 0.250" | 0.87" | 0.37" | 0.23" | 0.032" | 0.080" | 0.145" | 100 |
| 94831 | 054007-94831 | 73F-250-32-NBL | 12 - 10 AWG | 0.250" | 0.99" | 0.39" | 0.32" | 0.032" | 0.165" | 0.250" | 50 |

Nylon Insulated with Insulation Grip Bullet Style Female Disconnect, Bag

Terminal Type Disconnect
 Terminal Style Bullet Snap Plug
 Fastener Orientation Female
 Insulation Material Nylon with Insulation Grip
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Manufacturing Origin Taiwan





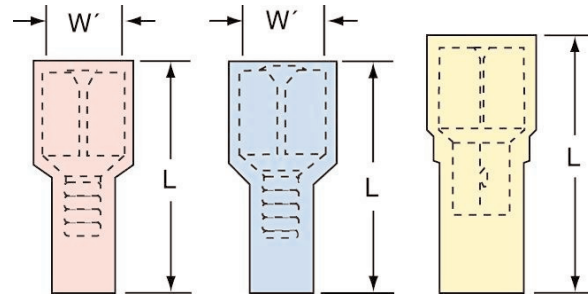
| Product No. | UPC | Description | Conductor Size | Mating Snap Diameter (S) | (L) | Barrel I.D. | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|---------------|----------------|--------------------------|-------|-------------|------------------|----------|
| 94838-A | 051138-98082 | 81F-156-NBL-A | 22 - 18 AWG | 0.156" | 0.99" | 0.145" | 0.150" | 100 |
| 94839-A | 051138-98086 | 81F-180-NBL-A | 22 - 18 AWG | 0.180" | 1.00" | 0.095" | 0.150" | 100 |
| 94842-A | 051138-98125 | 82F-156-NBL-A | 16 - 14 AWG | 0.156" | 0.99" | 0.115" | 0.190" | 100 |

Specialty Wire Terminals, Kits and Tools

3M™ Specialty Bagged Terminals: 3M™ Female Disconnects

Nylon Fully Insulated Butted Seam Female Disconnect, Bag

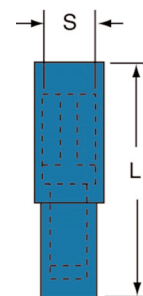
Terminal Type Disconnect
 Terminal Style Fully Insulated
 Fastener Orientation Female
 Insulation Material Nylon
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 



| Product No. | UPC | Description | Conductor Size | Mates with Male Tab Width (W') | (W) | (L) | Diameter (D) | Thickness | Barrel I.D. | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|---------------|----------------|--------------------------------|-------|-------|--------------|-----------|-------------|------------------|----------|
| 94799 | 054007-94799 | 71F-187-20-NL | 22 - 18 AWG | 0.187" | 0.30" | 0.81" | 0.23" | 0.020" | 0.085" | 0.145" | 100 |
| 94803 | 054007-94803 | 71F-250-32-NL | 22 - 18 AWG | 0.250" | 0.37" | 0.87" | 0.23" | 0.032" | 0.080" | 0.145" | 100 |
| 94816 | 054007-94816 | 72F-187-20-NL | 16 - 14 AWG | 0.187" | 0.30" | 0.81" | 0.23" | 0.020" | 0.085" | 0.145" | 100 |
| 94820 | 054007-94820 | 72F-250-32-NL | 16 - 14 AWG | 0.250" | 0.37" | 0.87" | 0.23" | 0.032" | 0.080" | 0.145" | 100 |
| 94832 | 054007-94832 | 73F-250-32-NL | 12 - 10 AWG | 0.250" | 0.39" | 0.99" | 0.32" | 0.032" | 0.148" | 0.250" | 50 |

Nylon Insulated Butted Seam Bullet Style Female Disconnect, Bag

Terminal Type Disconnect
 Terminal Style Bullet Snap Plug
 Fastener Orientation Female
 Insulation Material Nylon with Insulation Grip
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Manufacturing Origin Taiwan




| Product No. | UPC | Description | Conductor Size | Mating Snap Diameter (S) | (L) | Barrel I.D. | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|--------------|----------------|--------------------------|-------|-------------|------------------|----------|
| 94843-A | 051138-98134 | 82F-180-NL-A | 16 - 14 AWG | 0.180" | 1.02" | 0.115" | 0.170" | 100 |


Specialty Wire Terminals, Kits and Tools

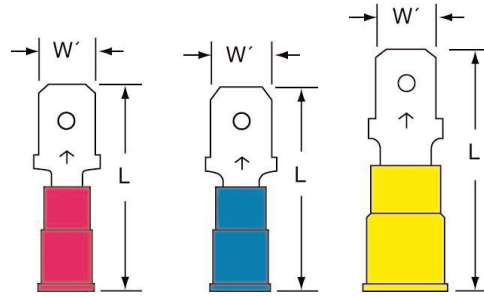
3M™ Specialty Bagged Terminals: 3M™ Male Disconnects

Vinyl Insulated Butted Seam Male Disconnect, Bag

Terminal Type Disconnect
 Terminal Style Standard
 Fastener Orientation Male
 Insulation Material Vinyl
 Barrel Style Butted
 RoHS 2011/65/EU Yes

Agency Approval 

Manufacturing Origin 



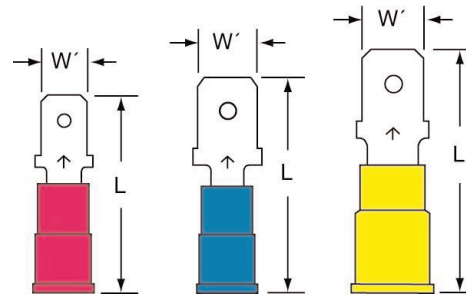
| Product No. | UPC | Description | Conductor Size | Male Tab Width (W') | (L) | Thickness | Barrel I.D. | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|--------------|----------------|---------------------|-------|-----------|-------------|------------------|----------|
| 94808 | 054007-94808 | 71M-187-20-P | 22 - 18 AWG | 0.187" | 0.85" | 0.020" | 0.080" | 0.145" | 100 |
| 94812 | 054007-94812 | 71M-250-32-P | 22 - 18 AWG | 0.250" | 0.93" | 0.032" | 0.065" | 0.145" | 100 |
| 94825 | 054007-94825 | 72M-187-20-P | 16 - 14 AWG | 0.187" | 0.85" | 0.020" | 0.080" | 0.145" | 100 |
| 94829 | 054007-94829 | 72M-250-32-P | 16 - 14 AWG | 0.250" | 0.93" | 0.032" | 0.085" | 0.170" | 100 |
| 94837 | 054007-94837 | 73M-250-32-P | 12 - 10 AWG | 0.250" | 1.05" | 0.032" | 0.150" | 0.250" | 50 |

Nylon Insulated with Insulation Grip Male Disconnect, Bag

Terminal Type Disconnect
 Terminal Style Standard
 Fastener Orientation Male
 Insulation Material Nylon
 Barrel Style Insulation Grip
 RoHS 2011/65/EU Yes

Agency Approval 

Manufacturing Origin 



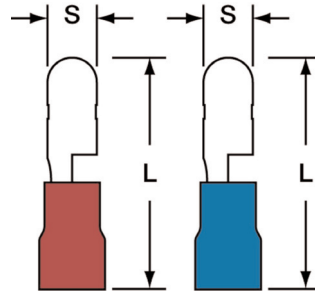
| Product No. | UPC | Description | Conductor Size | Male Tab Width (W') | (L) | Thickness | Barrel I.D. | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|---------------|----------------|---------------------|-------|-----------|-------------|------------------|----------|
| 94805 | 054007-94805 | 71M-187-20-NB | 22 - 18 AWG | 0.187" | 0.84" | 0.020" | 0.080" | 0.145" | 100 |
| 94809 | 054007-94809 | 71M-250-32-NB | 22 - 18 AWG | 0.250" | 0.92" | 0.032" | 0.065" | 0.145" | 100 |
| 94822 | 054007-94822 | 72M-187-20-NB | 16 - 14 AWG | 0.187" | 0.84" | 0.020" | 0.080" | 0.145" | 100 |
| 94826 | 054007-94826 | 72M-250-32-NB | 16 - 14 AWG | 0.250" | 0.94" | 0.032" | 0.085" | 0.170" | 100 |
| 94834 | 054007-94834 | 73M-250-32-NB | 12 - 10 AWG | 0.250" | 1.05" | 0.032" | 0.150" | 0.250" | 50 |

Specialty Wire Terminals, Kits and Tools

3M™ Specialty Bagged Terminals: 3M™ Male Disconnects

Nylon Insulated with Insulation Grip Bullet Style Male Disconnect, Bag

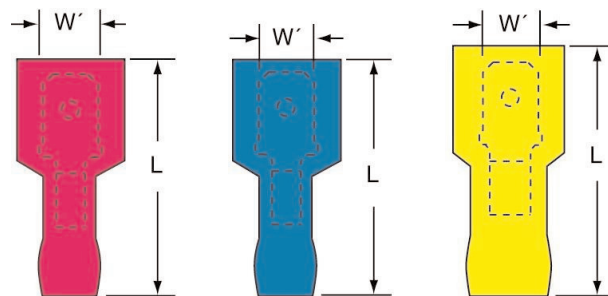
| | |
|----------------------|------------------|
| Terminal Type | Disconnect |
| Terminal Style | Bullet Snap Plug |
| Fastener Orientation | Male |
| Insulation Material | Nylon |
| Barrel Style | Insulation Grip |
| RoHS 2011/65/EU | Yes |
| Manufacturing Origin | Taiwan |



| Product No. | UPC | Description | Conductor Size | Mating Snap Diameter (S) | (L) | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|--------------|----------------|--------------------------|-------|------------------|----------|
| 94840-A | 051138-98092 | 81M-156-NB-A | 22 - 18 AWG | 0.156" | 0.87" | 0.150" | 100 |
| 94841-A | 051138-98101 | 81M-180-NB-A | 22 - 18 AWG | 0.180" | 0.87" | 0.150" | 100 |
| 94844-A | 051138-98146 | 82M-156-NB-A | 16 - 14 AWG | 0.156" | 0.87" | 0.190" | 100 |
| 94845-A | 051138-98159 | 82M-180-NB-A | 16 - 14 AWG | 0.180" | 0.87" | 0.170" | 100 |

Nylon Fully Insulated with Insulation Grip Male Disconnect, Bag

| | |
|----------------------|-------------------------------------------------|
| Terminal Type | Disconnect |
| Terminal Style | Fully Insulated |
| Fastener Orientation | Male |
| Insulation Material | Nylon with Insulation Grip |
| Barrel Style | Butted |
| RoHS 2011/65/EU | Yes |
| Agency Approval | |
| Manufacturing Origin | MADE IN USA With U.S. and Global Content |





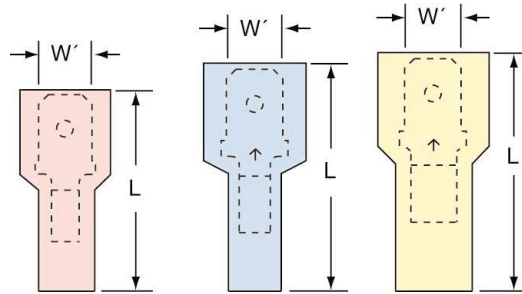
| Product No. | UPC | Description | Conductor Size | Male Tab Width (W') | (L) | (W) | Diameter (D) | Thickness | Barrel I.D. | Qty./Bag |
|-------------|--------------|----------------|----------------|---------------------|-------|-------|--------------|-----------|-------------|----------|
| 94806 | 054007-94806 | 71M-187-20-NBL | 22 - 18 AWG | 0.187" | 0.87" | 0.37" | 0.30" | 0.020" | 0.145" | 100 |
| 94810 | 054007-94810 | 71M-250-32-NBL | 22 - 18 AWG | 0.250" | 0.95" | 0.44" | 0.30" | 0.032" | 0.145" | 100 |
| 94823 | 054007-94823 | 72M-187-20-NBL | 16 - 14 AWG | 0.187" | 0.87" | 0.37" | 0.30" | 0.020" | 0.145" | 100 |
| 94827 | 054007-94827 | 72M-250-32-NBL | 16 - 14 AWG | 0.250" | 0.95" | 0.44" | 0.30" | 0.032" | 0.170" | 100 |
| 94835 | 054007-94835 | 73M-250-32-NBL | 12 - 10 AWG | 0.250" | 1.05" | 0.47" | 0.39" | 0.032" | 0.250" | 50 |

Specialty Wire Terminals, Kits and Tools

3M™ Specialty Bagged Terminals: 3M™ Male Disconnects

Nylon Fully Insulated Butted Seam Male Disconnect, Bag


Terminal Type Disconnect
 Terminal Style Fully Insulated
 Fastener Orientation Male
 Insulation Material Nylon
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 

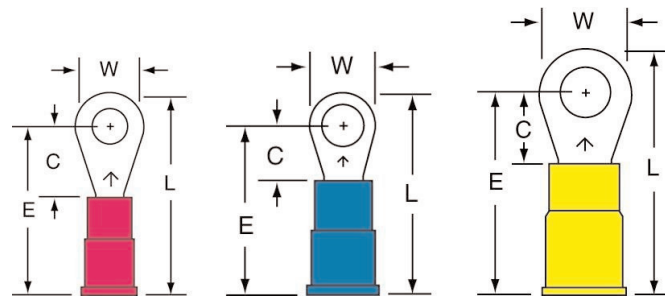


| Product No. | UPC | Description | Conductor Size | Male Tab Width (W') | (L) | (W) | Diameter (D) | Thickness | Barrel I.D. | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|---------------|----------------|---------------------|-------|-------|--------------|-----------|-------------|------------------|----------|
| 94807 | 054007-94807 | 71M-187-20-NL | 22 - 18 AWG | 0.187" | 0.87" | 0.37" | 0.30" | 0.020" | 0.080" | 0.145" | 100 |
| 94811 | 054007-94811 | 71M-250-32-NL | 22 - 18 AWG | 0.250" | 0.95" | 0.44" | 0.30" | 0.032" | 0.065" | 0.145" | 100 |
| 94824 | 054007-94824 | 72M-187-20-NL | 16 - 14 AWG | 0.187" | 0.87" | 0.37" | 0.30" | 0.020" | 0.080" | 0.145" | 100 |
| 94828 | 054007-94828 | 72M-250-32-NL | 16 - 14 AWG | 0.250" | 0.95" | 0.44" | 0.30" | 0.032" | 0.085" | 0.170" | 100 |
| 94836 | 054007-94836 | 73M-250-32-NL | 12 - 10 AWG | 0.250" | 1.05" | 0.47" | 0.39" | 0.032" | 0.150" | 0.250" | 50 |

3M™ Specialty Bagged Terminals: 3M™ Ring Tongues

Vinyl Insulated Butted Seam Ring Tongue, Bag

Terminal Type Ring
 Terminal Style Standard
 Insulation Material Vinyl
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 



| Product No. | UPC | Description | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|-------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|------------------|----------|
| 94725 | 054007-94725 | 11-6S-P | 22 - 18 AWG | 6 | 0.25" | 0.22" | 0.80" | 0.67" | 0.030" | 0.070" | 0.145" | 100 |
| 94727 | 054007-94727 | 11-8-P | 22 - 18 AWG | 8 | 0.33" | 0.29" | 0.90" | 0.74" | 0.030" | 0.070" | 0.145" | 100 |
| 94717 | 054007-94717 | 11-10-P | 22 - 18 AWG | 10 | 0.33" | 0.29" | 0.90" | 0.74" | 0.030" | 0.070" | 0.145" | 100 |
| 94719 | 054007-94719 | 11-14S-P | 22 - 18 AWG | 1/4" | 0.47" | 0.40" | 1.08" | 0.85" | 0.030" | 0.070" | 0.145" | 100 |
| 94736 | 054007-94736 | 12-6S-P | 16 - 14 AWG | 6 | 0.25" | 0.22" | 0.80" | 0.67" | 0.030" | 0.070" | 0.145" | 100 |
| 94739 | 054007-94739 | 12-8-P | 16 - 14 AWG | 8 | 0.33" | 0.29" | 0.90" | 0.74" | 0.030" | 0.070" | 0.145" | 100 |
| 94729 | 054007-94729 | 12-10-P | 16 - 14 AWG | 10 | 0.33" | 0.29" | 0.90" | 0.74" | 0.030" | 0.070" | 0.145" | 100 |

Specialty Wire Terminals, Kits and Tools

3M™ Specialty Bagged Terminals: 3M™ Ring Tongues



Vinyl Insulated Butted Seam Ring Tongue, Bag (continued)


| Product No. | UPC | Description | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|-------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|------------------|----------|
| 94731 | 054007-94731 | 12-14S-P | 16 - 14 AWG | 1/4" | 0.47" | 0.40" | 1.08" | 0.85" | 0.030" | 0.070" | 0.145" | 100 |
| 94735 | 054007-94735 | 12-56S-P | 16 - 14 AWG | 5/16" | 0.47" | 0.40" | 1.08" | 0.85" | 0.030" | 0.070" | 0.145" | 100 |
| 94733 | 054007-94733 | 12-38-P | 16 - 14 AWG | 3/8" | 0.56" | 0.40" | 1.13" | 0.85" | 0.030" | 0.070" | 0.145" | 100 |
| 94751 | 054007-94751 | 13-6S-P | 12 - 10 AWG | 6 | 0.28" | 0.29" | 0.98" | 0.84" | 0.040" | 0.135" | 0.250" | 50 |
| 94753 | 054007-94753 | 13-8-P | 12 - 10 AWG | 8 | 0.38" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" | 50 |
| 94741 | 054007-94741 | 13-10-P | 12 - 10 AWG | 10 | 0.38" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" | 50 |
| 94743 | 054007-94743 | 13-14S-P | 12 - 10 AWG | 1/4" | 0.53" | 0.44" | 1.26" | 0.99" | 0.040" | 0.135" | 0.250" | 50 |
| 94749 | 054007-94749 | 13-56S-P | 12 - 10 AWG | 5/16" | 0.53" | 0.44" | 1.26" | 0.99" | 0.040" | 0.135" | 0.250" | 50 |
| 94745 | 054007-94745 | 13-38-P | 12 - 10 AWG | 3/8" | 0.59" | 0.44" | 1.29" | 0.99" | 0.040" | 0.135" | 0.250" | 50 |
| 94747 | 054007-94747 | 13-500-P | 12 - 10 AWG | 1/2" | 0.75" | 0.57" | 1.50" | 1.12" | 0.040" | 0.135" | 0.250" | 50 |

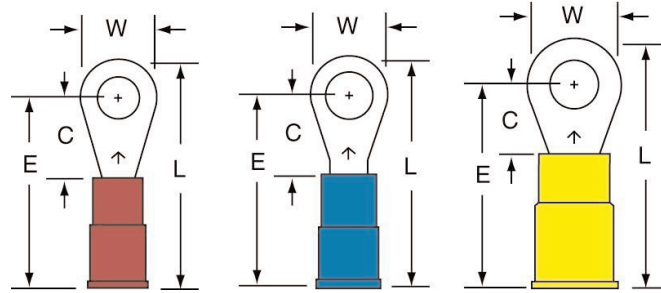
3M™ Specialty Bagged Terminals: 3M™ Ring Tongue

Nylon Insulated with Insulation Grip Ring Tongue, Bag

Terminal Type Ring
 Terminal Style Standard
 Insulation Material Nylon with Insulation Grip
 Barrel Style Butted
 RoHS 2011/65/EU Yes

Agency Approval  

Manufacturing Origin  **MADE IN USA**
 With U.S. and Global Content





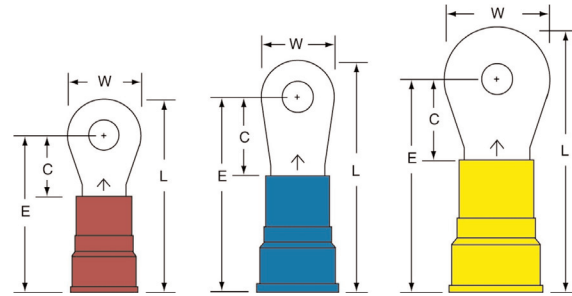
| Product No. | UPC | Description | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|-------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|------------------|----------|
| 94724 | 054007-94724 | 11-6S-NB | 22 - 18 AWG | 6 | 0.25" | 0.22" | 0.79" | 0.66" | 0.030" | 0.070" | 0.145" | 100 |
| 94726 | 054007-94726 | 11-8-NB | 22 - 18 AWG | 8 | 0.33" | 0.29" | 0.89" | 0.73" | 0.030" | 0.070" | 0.145" | 100 |
| 94716 | 054007-94716 | 11-10-NB | 22 - 18 AWG | 10 | 0.33" | 0.29" | 0.89" | 0.73" | 0.030" | 0.070" | 0.145" | 100 |
| 94718 | 054007-94718 | 11-14S-NB | 22 - 18 AWG | 1/4" | 0.47" | 0.40" | 1.07" | 0.84" | 0.030" | 0.070" | 0.145" | 100 |
| 94722 | 054007-94722 | 11-56S-NB | 22 - 18 AWG | 5/16" | 0.47" | 0.40" | 1.07" | 0.84" | 0.030" | 0.070" | 0.145" | 100 |
| 94720 | 054007-94720 | 11-38-NB | 22 - 18 AWG | 3/8" | 0.56" | 0.40" | 1.12" | 0.84" | 0.030" | 0.070" | 0.145" | 100 |
| 94738 | 054007-94738 | 12-8-NB | 16 - 14 AWG | 8 | 0.33" | 0.29" | 0.91" | 0.75" | 0.030" | 0.090" | 0.170" | 100 |
| 94728 | 054007-94728 | 12-10-NB | 16 - 14 AWG | 10 | 0.33" | 0.29" | 0.91" | 0.75" | 0.030" | 0.090" | 0.170" | 100 |
| 94730 | 054007-94730 | 12-14S-NB | 16 - 14 AWG | 1/4" | 0.47" | 0.40" | 1.09" | 0.86" | 0.030" | 0.090" | 0.170" | 100 |
| 94734 | 054007-94734 | 12-56S-NB | 16 - 14 AWG | 5/16" | 0.47" | 0.40" | 1.09" | 0.86" | 0.030" | 0.090" | 0.170" | 100 |
| 94732 | 054007-94732 | 12-38-NB | 16 - 14 AWG | 3/8" | 0.56" | 0.40" | 1.14" | 0.86" | 0.030" | 0.090" | 0.170" | 100 |
| 94750 | 054007-94750 | 13-6S-NB | 12 - 10 AWG | 6 | 0.28" | 0.29" | 0.98" | 0.84" | 0.040" | 0.135" | 0.250" | 50 |
| 94752 | 054007-94752 | 13-8-NB | 12 - 10 AWG | 8 | 0.38" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" | 50 |
| 94740 | 054007-94740 | 13-10-NB | 12 - 10 AWG | 10 | 0.38" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" | 50 |
| 94742 | 054007-94742 | 13-14S-NB | 12 - 10 AWG | 1/4" | 0.53" | 0.44" | 1.26" | 0.99" | 0.040" | 0.135" | 0.250" | 50 |
| 94748 | 054007-94748 | 13-56S-NB | 12 - 10 AWG | 5/16" | 0.53" | 0.44" | 1.26" | 0.99" | 0.040" | 0.135" | 0.250" | 50 |
| 94744 | 054007-94744 | 13-38-NB | 12 - 10 AWG | 3/8" | 0.59" | 0.44" | 1.29" | 0.99" | 0.040" | 0.135" | 0.250" | 50 |
| 94746 | 054007-94746 | 13-500-NB | 12 - 10 AWG | 1/2" | 0.75" | 0.57" | 1.50" | 1.12" | 0.040" | 0.135" | 0.250" | 50 |

Specialty Wire Terminals, Kits and Tools

3M™ Specialty Bagged Terminals: 3M™ Ring Tongues

Nylon Insulated Brazed Seam Ring Tongue, Bag

Terminal Type Ring
 Terminal Style Standard
 Insulation Material Nylon
 Barrel Style Brazed
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 




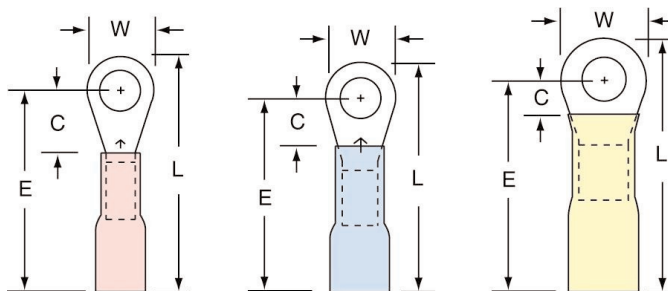
| Product No. | UPC | Description | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|-------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|------------------|----------|
| 94754 | 054007-94754 | 14-14S-WN | 8 AWG | 1/4" | 0.47" | 0.40" | 1.26" | 1.03" | 0.050" | 0.175" | 0.340" | 25 |
| 94757 | 054007-94757 | 14-56-WN | 8 AWG | 5/16" | 0.59" | 0.45" | 1.38" | 1.08" | 0.050" | 0.175" | 0.340" | 25 |
| 94755 | 054007-94755 | 14-38-WN | 8 AWG | 3/8" | 0.59" | 0.45" | 1.38" | 1.08" | 0.050" | 0.175" | 0.340" | 25 |
| 94756 | 054007-94756 | 14-500S-WN | 8 AWG | 1/2" | 0.81" | 0.69" | 1.72" | 1.32" | 0.050" | 0.175" | 0.340" | 25 |
| 94758 | 054007-94758 | 15-14S-WN | 6 AWG | 1/4" | 0.47" | 0.52" | 1.50" | 1.27" | 0.050" | 0.250" | 0.440" | 25 |
| 94761 | 054007-94761 | 15-56-WN | 6 AWG | 5/16" | 0.63" | 0.52" | 1.58" | 1.27" | 0.050" | 0.250" | 0.440" | 25 |
| 94759 | 054007-94759 | 15-38-WN | 6 AWG | 3/8" | 0.63" | 0.52" | 1.58" | 1.27" | 0.050" | 0.250" | 0.440" | 25 |
| 94760 | 054007-94760 | 15-500S-WN | 6 AWG | 1/2" | 0.81" | 0.63" | 1.78" | 1.38" | 0.050" | 0.250" | 0.440" | 25 |
| 94762 | 054007-94762 | 16-14-WN | 4 AWG | 1/4" | 0.68" | 0.53" | 1.74" | 1.41" | 0.075" | 0.280" | 0.515" | 10 |
| 94764 | 054007-94764 | 16-500S-WN | 4 AWG | 1/2" | 0.68" | 0.53" | 1.74" | 1.41" | 0.075" | 0.280" | 0.515" | 10 |

Specialty Wire Terminals, Kits and Tools

3M™ Specialty Bagged Terminals: 3M™ Ring Tongues

Heat Shrink Brazed Seam Ring Tongue, Bag

| | |
|----------------------|-----------------------------------------------------------------------------------|
| Terminal Type | Ring |
| Terminal Style | Standard |
| Insulation Material | Heat Shrink |
| Barrel Style | Brazed |
| RoHS 2011/65/EU | Yes |
| Manufacturing Origin |  |





| Product No. | UPC | Description | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Qty./Bag |
|-------------|--------------|-------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|----------|
| 94859 | 054007-94859 | MH18-6R/L | 22 - 18 AWG | 6 | 0.31" | 0.15" | 1.00" | 0.84" | 0.030" | 0.070" | 25 |
| 94860 | 054007-94860 | MH18-8R/L | 22 - 18 AWG | 8 | 0.31" | 0.18" | 1.00" | 0.84" | 0.030" | 0.070" | 25 |
| 94858 | 054007-94858 | MH18-10R/L | 22 - 18 AWG | 10 | 0.31" | 0.20" | 1.00" | 0.84" | 0.030" | 0.070" | 25 |
| 94855 | 054007-94855 | MH14-6R/L | 16 - 14 AWG | 6 | 0.31" | 0.15" | 1.00" | 0.84" | 0.030" | 0.090" | 25 |
| 94856 | 054007-94856 | MH14-8R/L | 16 - 14 AWG | 8 | 0.31" | 0.18" | 1.00" | 0.84" | 0.030" | 0.090" | 25 |
| 94851 | 054007-94851 | MH14-10R/L | 16 - 14 AWG | 10 | 0.31" | 0.20" | 1.00" | 0.84" | 0.030" | 0.090" | 25 |
| 94852 | 054007-94852 | MH14-14R/S | 16 - 14 AWG | 1/4" | 0.47" | 0.26" | 1.10" | 0.86" | 0.030" | 0.090" | 25 |
| 94853 | 054007-94853 | MH14-38R | 16 - 14 AWG | 3/8" | 0.56" | 0.28" | 1.10" | 0.87" | 0.030" | 0.090" | 25 |
| 94846 | 054007-94846 | MH10-10R | 12 - 10 AWG | 10 | 0.38" | 0.21" | 1.10" | 0.90" | 0.040" | 0.145" | 25 |
| 94847 | 054007-94847 | MH10-14R | 12 - 10 AWG | 1/4" | 0.59" | 0.29" | 1.20" | 0.90" | 0.040" | 0.145" | 25 |
| 94848 | 054007-94848 | MH10-38R | 12 - 10 AWG | 3/8" | 0.59" | 0.29" | 1.20" | 0.90" | 0.040" | 0.145" | 25 |


Specialty Wire Terminals, Kits and Tools

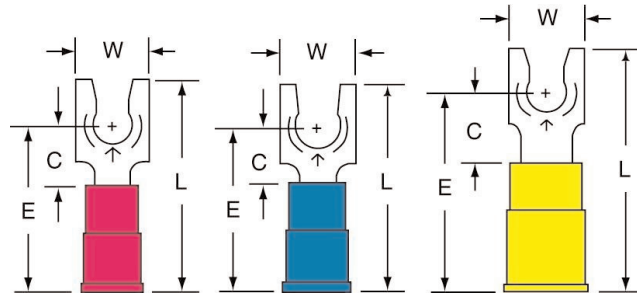
3M™ Specialty Bagged Terminals: 3M™ Locking Forks

Vinyl Insulated Butted Seam Locking Fork, Bag

Terminal Type Fork
 Terminal Style Locking
 Insulation Material Vinyl
 Barrel Style Butted
 RoHS 2011/65/EU Yes

Agency Approval  

Manufacturing Origin 



| Product No. | UPC | Description | Conductor Size | Stud Size | Max. Lock Width | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|-------------|----------------|-----------|-----------------|-------|-------|-------|-------|-----------|-------------|------------------|----------|
| 94865 | 054007-94865 | SS-31-6-P | 22 - 18 AWG | 6 | 0.27" | 0.25" | 0.25" | 0.88" | 0.70" | 0.030" | 0.070" | 0.145" | 100 |
| 94867 | 054007-94867 | SS-31-8-P | 22 - 18 AWG | 8 | 0.34" | 0.30" | 0.25" | 0.88" | 0.70" | 0.030" | 0.070" | 0.145" | 100 |
| 94863 | 054007-94863 | SS-31-10-P | 22 - 18 AWG | 10 | 0.35" | 0.32" | 0.25" | 0.88" | 0.70" | 0.030" | 0.070" | 0.145" | 100 |
| 94873 | 054007-94873 | SS-32-6-P | 16 - 14 AWG | 6 | 0.27" | 0.25" | 0.25" | 0.88" | 0.70" | 0.030" | 0.090" | 0.170" | 100 |
| 94875 | 054007-94875 | SS-32-8-P | 16 - 14 AWG | 8 | 0.34" | 0.30" | 0.25" | 0.88" | 0.70" | 0.030" | 0.090" | 0.170" | 100 |
| 94869 | 054007-94869 | SS-32-10-P | 16 - 14 AWG | 10 | 0.35" | 0.32" | 0.25" | 0.88" | 0.70" | 0.030" | 0.090" | 0.170" | 50 |
| 94871 | 054007-94871 | SS-32-14-P | 16 - 14 AWG | 1/4" | 0.48" | 0.43" | 0.40" | 1.10" | 0.85" | 0.030" | 0.090" | 0.170" | 100 |
| 94881 | 054007-94881 | SS-33-6-P | 12 - 10 AWG | 6 | 0.30" | 0.28" | 0.28" | 1.03" | 0.83" | 0.040" | 0.135" | 0.250" | 50 |
| 94883 | 054007-94883 | SS-33-8-P | 12 - 10 AWG | 8 | 0.35" | 0.32" | 0.28" | 1.03" | 0.83" | 0.040" | 0.135" | 0.250" | 50 |
| 94877 | 054007-94877 | SS-33-10-P | 12 - 10 AWG | 10 | 0.36" | 0.32" | 0.28" | 1.03" | 0.83" | 0.040" | 0.135" | 0.250" | 50 |
| 94879 | 054007-94879 | SS-33-14-P | 12 - 10 AWG | 1/4" | 0.48" | 0.43" | 0.44" | 1.24" | 0.99" | 0.040" | 0.135" | 0.250" | 50 |

Specialty Wire Terminals, Kits and Tools

3M™ Specialty Bagged Terminals: 3M™ Locking Forks

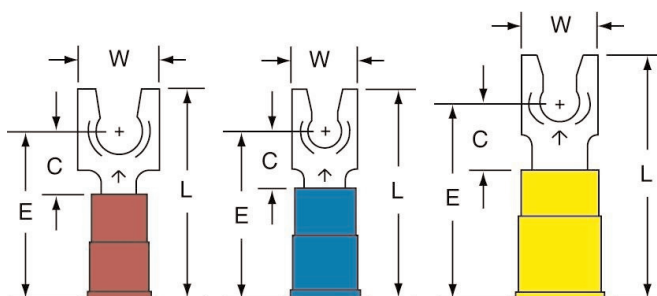
Nylon Insulated with Insulation Grip Locking Fork, Bag

Terminal Type Fork
 Terminal Style Locking
 Insulation Material Nylon with Insulation Grip
 Barrel Style Butted
 RoHS 2011/65/EU Yes

Agency Approval



Manufacturing Origin





| Product No. | UPC | Description | Conductor Size | Stud Size | Max. Lock Width | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|-------------|----------------|-----------|-----------------|-------|-------|-------|-------|-----------|-------------|------------------|----------|
| 94864 | 054007-94864 | SS-31-6-NB | 22 - 18 AWG | 6 | 0.27" | 0.25" | 0.25" | 0.87" | 0.69" | 0.030" | 0.070" | 0.145" | 100 |
| 94866 | 054007-94866 | SS-31-8-NB | 22 - 18 AWG | 8 | 0.34" | 0.30" | 0.25" | 0.87" | 0.69" | 0.030" | 0.070" | 0.145" | 100 |
| 94862 | 054007-94862 | SS-31-10-NB | 22 - 18 AWG | 10 | 0.35" | 0.32" | 0.25" | 0.87" | 0.69" | 0.030" | 0.070" | 0.145" | 100 |
| 94872 | 054007-94872 | SS-32-6-NB | 16 - 14 AWG | 6 | 0.27" | 0.24" | 0.25" | 0.89" | 0.71" | 0.030" | 0.090" | 0.170" | 100 |
| 94874 | 054007-94874 | SS-32-8-NB | 16 - 14 AWG | 8 | 0.34" | 0.30" | 0.25" | 0.89" | 0.71" | 0.030" | 0.090" | 0.170" | 100 |
| 94868 | 054007-94868 | SS-32-10-NB | 16 - 14 AWG | 10 | 0.35" | 0.32" | 0.25" | 0.89" | 0.71" | 0.030" | 0.090" | 0.170" | 100 |
| 94870 | 054007-94870 | SS-32-14-NB | 16 - 14 AWG | 1/4" | 0.48" | 0.43" | 0.40" | 1.11" | 0.86" | 0.030" | 0.090" | 0.170" | 100 |
| 94880 | 054007-94880 | SS-33-6-NB | 12 - 10 AWG | 6 | 0.30" | 0.28" | 0.28" | 1.03" | 0.83" | 0.040" | 0.135" | 0.250" | 50 |


Specialty Wire Terminals, Kits and Tools

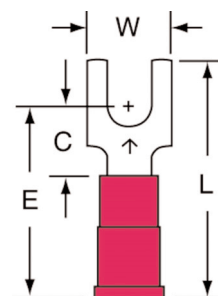
3M™ Specialty Bagged Terminals: 3M™ Block Forks

Vinyl Insulated Butted Seam Block Fork, Bag

Terminal Type Fork
 Terminal Style Block
 Insulation Material Vinyl
 Barrel Style Butted
 RoHS 2011/65/EU Yes

Agency Approval  



Manufacturing Origin 




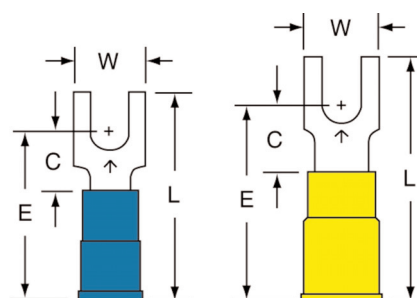
| Product No. | UPC | Description | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|-------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|------------------|----------|
| 95351 | 054007-95351 | BS-31-6-P | 22 - 18 AWG | 6 | 0.30" | 0.25" | 0.85" | 0.70" | 0.030" | 0.070" | 0.145" | 100 |
| 95352 | 054007-95352 | BS-31-8-P | 22 - 18 AWG | 8 | 0.30" | 0.25" | 0.85" | 0.70" | 0.030" | 0.070" | 0.145" | 100 |
| 95350 | 054007-95350 | BS-31-10-P | 22 - 18 AWG | 10 | 0.30" | 0.25" | 0.85" | 0.70" | 0.030" | 0.070" | 0.145" | 100 |

Nylon Insulated with Insulation Grip Block Fork, Bag

Terminal Type Fork
 Terminal Style Block
 Insulation Material Nylon with Insulation Grip
 Barrel Style Butted
 RoHS 2011/65/EU Yes

Agency Approval  

Manufacturing Origin 





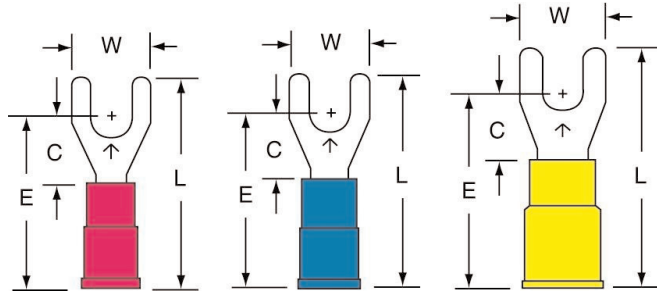
| Product No. | UPC | Description | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|-------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|------------------|----------|
| 95362 | 054007-95362 | BS-32-10-NB | 16 - 14 AWG | 10 | 0.30" | 0.25" | 0.86" | 0.71" | 0.030" | 0.090" | 0.170" | 100 |
| 95367 | 054007-95367 | BS-33-8-NB | 12 - 10 AWG | 8 | 0.32" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" | 50 |
| 95365 | 054007-95365 | BS-33-10-NB | 12 - 10 AWG | 10 | 0.32" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" | 50 |

Specialty Wire Terminals, Kits and Tools

3M™ Specialty Bagged Terminals: 3M™ Standard Forks



Vinyl Insulated Butted Seam Standard Fork, Bag

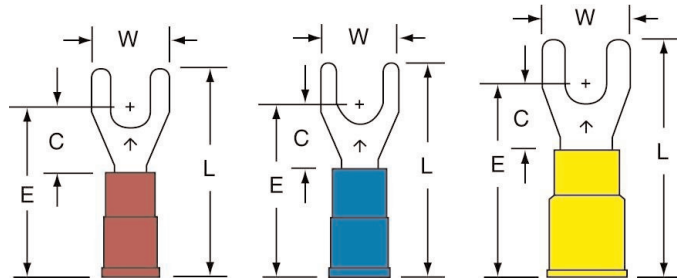
Terminal Type Fork
 Terminal Style Standard
 Insulation Material Vinyl
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 



| Product No. | UPC | Description | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|-------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|------------------|----------|
| 94769 | 054007-94769 | 31-6-P | 22 - 18 AWG | 6 | 0.34" | 0.29" | 0.90" | 0.74" | 0.030" | 0.070" | 0.145" | 100 |
| 94771 | 054007-94771 | 31-8-P | 22 - 18 AWG | 8 | 0.34" | 0.29" | 0.90" | 0.74" | 0.030" | 0.070" | 0.145" | 100 |
| 94767 | 054007-94767 | 31-10-P | 22 - 18 AWG | 10 | 0.34" | 0.29" | 0.90" | 0.74" | 0.030" | 0.070" | 0.145" | 100 |
| 94775 | 054007-94775 | 32-6-P | 16 - 14 AWG | 6 | 0.34" | 0.29" | 0.90" | 0.74" | 0.030" | 0.090" | 0.170" | 100 |
| 94777 | 054007-94777 | 32-8-P | 16 - 14 AWG | 8 | 0.34" | 0.29" | 0.90" | 0.74" | 0.030" | 0.090" | 0.170" | 100 |
| 94773 | 054007-94773 | 32-10-P | 16 - 14 AWG | 10 | 0.34" | 0.29" | 0.90" | 0.74" | 0.030" | 0.090" | 0.170" | 100 |
| 94783 | 054007-94783 | 33-8-P | 12 - 10 AWG | 8 | 0.38" | 0.29" | 1.03" | 0.84" | 0.030" | 0.135" | 0.250" | 100 |
| 94779 | 054007-94779 | 33-10-P | 12 - 10 AWG | 10 | 0.38" | 0.29" | 1.03" | 0.84" | 0.030" | 0.135" | 0.250" | 100 |

Nylon Insulated with Insulation Grip Standard Fork, Bag

Terminal Type Fork
 Terminal Style Standard
 Insulation Material Nylon with Insulation Grip
 Barrel Style Butted
 RoHS 2011/65/EU Yes
 Agency Approval 
 Manufacturing Origin 



| Product No. | UPC | Description | Conductor Size | Stud Size | (W) | (C) | (L) | (E) | Thickness | Barrel I.D. | Max. Insul. Dia. | Qty./Bag |
|-------------|--------------|-------------|----------------|-----------|-------|-------|-------|-------|-----------|-------------|------------------|----------|
| 94768 | 054007-94768 | 31-6-NB | 22 - 18 AWG | 6 | 0.34" | 0.29" | 0.89" | 0.73" | 0.030" | 0.070" | 0.145" | 100 |
| 94770 | 054007-94770 | 31-8-NB | 22 - 18 AWG | 8 | 0.34" | 0.29" | 0.89" | 0.73" | 0.030" | 0.070" | 0.145" | 100 |
| 94774 | 054007-94774 | 32-6-NB | 16 - 14 AWG | 6 | 0.34" | 0.29" | 0.91" | 0.75" | 0.030" | 0.070" | 0.145" | 100 |
| 94776 | 054007-94776 | 32-8-NB | 16 - 14 AWG | 8 | 0.34" | 0.29" | 0.91" | 0.75" | 0.030" | 0.070" | 0.145" | 100 |
| 94772 | 054007-94772 | 32-10-NB | 16 - 14 AWG | 10 | 0.34" | 0.29" | 0.91" | 0.75" | 0.030" | 0.070" | 0.145" | 100 |
| 94780 | 054007-94780 | 33-6-NB | 12 - 10 AWG | 6 | 0.38" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" | 50 |
| 94778 | 054007-94778 | 33-10-NB | 12 - 10 AWG | 10 | 0.38" | 0.29" | 1.03" | 0.84" | 0.040" | 0.135" | 0.250" | 50 |

Specialty Wire Terminals, Kits and Tools

Kits and Tools

3M™ Scotchlok™ Terminal Kit STK-1 (Filled)

The 3M™ Scotchlok™ Terminal Kit is filled with 3M's most frequently purchased low voltage termination products, including 14 of our most popular terminals.

The STK-1 kit is constructed of durable metal with individual product compartments. While the compartments keep you organized, the rugged metal frame protects the contents even in harsh environments. This kit contains: 1 3M™ Scotchlok™ Crimping Tool TH-440; 1 3M™ ScotchCode™ Tape Dispenser STD-0-9; 100 3M™ Cable Ties 06225; 100 3M™ Cable Ties 06226; 50 3M™ Highland™ Ring Tongue Terminal RV18-6; 50 3M™ Highland™ Ring Tongue Terminal RV18-8; 50 3M™ Highland™ Ring Tongue Terminal RV14-6; 50 3M™ Highland™ Ring Tongue Terminal RV14-8; 50 3M™ Highland™ Ring Tongue Terminal RV14-10; 25 3M™ Highland™ Ring Tongue Terminal RV10-10; 50 3M™ Highland™ Block Fork Terminal BFV14-8; 50 3M™ Highland™ Block Fork Terminal BFV14-10; 50 3M™ Highland™ Block Fork Terminal BFV18-8; 50 3M™ Highland™ Block Fork Terminal BFV18-6; 50 3M™ Highland™ Butt Connector BSV18; 50 3M™ Highland™ Butt Connector BSV14; 25 3M™ Highland™ Butt Connector BSV10; 50 3M™ Highland™ Female Disconnect FDV14-250





| Product No. | UPC | Description | Color |
|-------------|--------------|---------------------------------------------------|-------|
| STK-1 | 051138-25348 | Overall box size is 13-3/4" L x 10" W x 2-1/2" H. | Red |

3M™ Scotchlok™ Terminal Boxes (Empty)

Manufacturing Origin



| | RED-TERMINAL-BOX | CLEAR-TERMINAL-BOX |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| |  |  |
| UPC | 054007-11900 | 051128-57758 |
| Description | This metal case with plastic insert tray is divided into 14 terminal compartments, one tool compartment and two miscellaneous compartments. Order contents separately. | This plastic organizing box for terminals is divided into 13 compartments, including one sized to hold a crimping tool. Order contents separately. |
| Color | Red | Clear |

Specialty Wire Terminals, Kits and Tools

Kits and Tools



3M™ Scotchlok™ Terminal Kit SDKT Series (Filled)

The 3M™ Scotchlok™ SDKT-1 and 3M™ Scotchlok™ SDKT-2 Terminal Assortment Kits consists of a white plastic case with 12 individual product compartments, including a space for your 3M TH-440 crimping tool.



| Product No. | UPC | Kit Contents (Part #) | Color | Boxes per Case |
|-------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------|
| SDKT-1 | 054007-41983 | (8) 71M-250-32-NL; (8) 72M-250-32-NL; (8) 73M-250-32-NL; (8) 801; (8) 952; (8) 722-N-A; (8) 71F-250-32-NL; (8) 72F-250-32-NL; (8) 73F-250-32-NL; (8) 801; (8) 952; (8) 718-N-A; (1) TH-440 | White | 20 |
| SDKT-2 | 054007-41984 | (12) 11-10-P; (12) 12-6S-P; (12) 12-10-P; (12) 13-10-P; (12) BS-31-6-P; (12) BS-32-6-P; (12) 32-10-P; (12) 72F-250-32-P; (11) 61-P; (10) 62-P; (13) 722-N-A; (8) 718-N-A; (1) TH-440. | White | 20 |

3M™ Tools

| | TH-440 | TH-450 | TR-482 | TR-490 |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| |  |  |  |  |
| UPC | 054007-30120 | 054007-49575 | 054007-11902 | 054007-70481 |
| Product Name | 3M™ Scissors, Style TH-440 | 3M™ Scissors, Style TH-450 | 3M™ Ratchet, Style TR-482 | 3M™ Ratchet, Style TR-490 |
| Description | High carbon, heat-treated steel crimping tool that has a unique design that provides a high strength/weight ratio that crimps a broad range of 22-10 AWG terminals and connectors. | One of the most versatile heavy-duty tools 3M has offered. It is made of high-strength, heat-treated carbon steel. | This tool crimps the barrel and insulation grip simultaneously on 22-10 AWG insulated terminals and connectors. The 3M™ Ratchet Style TR-482 will crimp nylon or vinyl insulated, butted or brazed seam terminals and connectors. | This tool crimps the barrel and insulation grip independently on 22-10 AWG insulated and non-insulated terminals and connectors, nylon or vinyl insulated, butted or brazed seam. |
| Range | 22-10 AWG | 26-6 AWG | 22-10 AWG | 22-10 AWG |
| Manufacturing Origin | Taiwan | Taiwan |  |  |

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