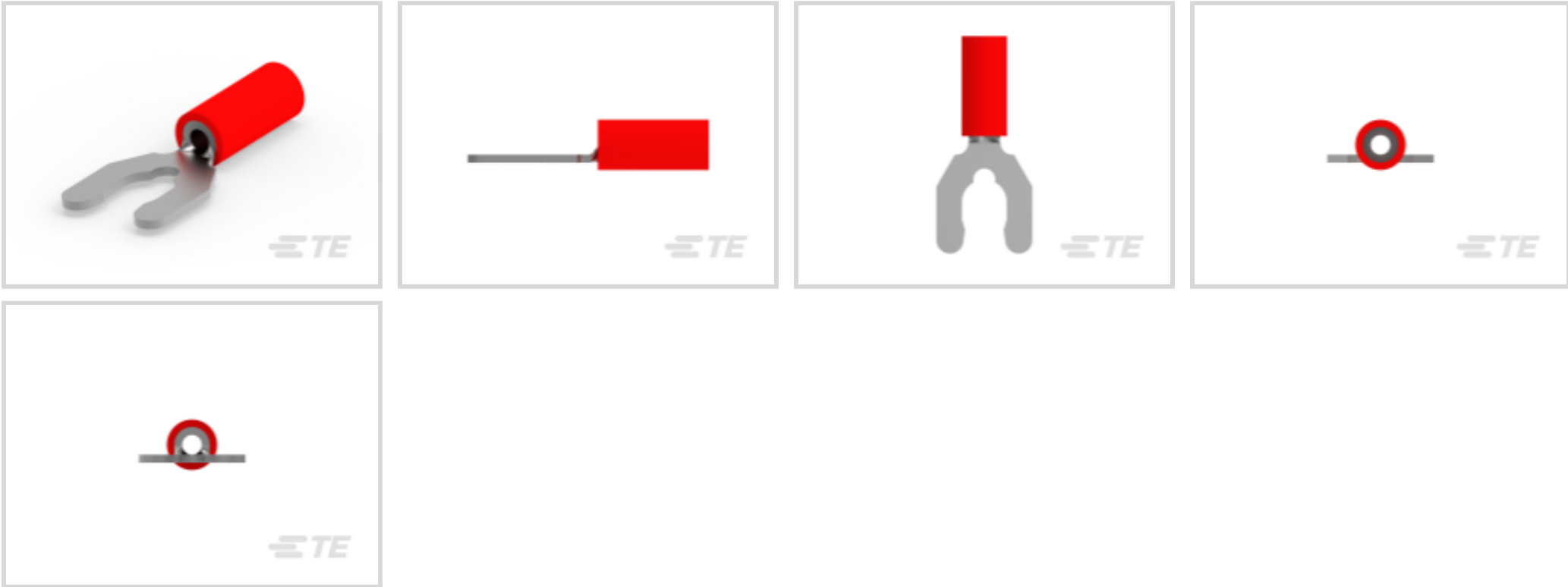




Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spring Spade Terminal**  
Wire Size: **509 – 3260 CMA**  
Stud Size: **#10**

Features

Product Type Features

|                                        |                    |
|----------------------------------------|--------------------|
| Stud Size                              | #10                |
| Sealable                               | No                 |
| Wire Insulation Support Retention Type | Insulation Support |

Electrical Characteristics

|                |       |
|----------------|-------|
| Voltage Rating | 600 V |
|----------------|-------|

Body Features

|                         |     |
|-------------------------|-----|
| Insulation Sleeve Color | Red |
| Stripe Color            | Red |

Contact Features

|                           |                       |
|---------------------------|-----------------------|
| Spade Terminal Type       | Spring Spade Terminal |
| Barrel Type               | Closed                |
| Terminal Orientation      | Straight              |
| Terminal Plating Material | Tin                   |

Mechanical Attachment

|                         |      |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|



Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Wire Size                            | 509 – 3260 CMA               |
| Stud Diameter                        | 4.82 mm[.19 in]              |
| Tongue Thickness                     | .79 mm[.031 in]              |
| Product Length                       | 24.61 mm[.969 in]            |
| Compatible Insulation Diameter (Max) | 5.08 mm[.2 in]               |
| Compatible Insulation Diameter Range | 2.67 – 5.08 mm[.105 – .2 in] |

Usage Conditions

|                             |                     |
|-----------------------------|---------------------|
| Insulation Option           | Partially Insulated |
| Operating Temperature Range | 105 °C[221 °F]      |

Operation/Application

|                                       |        |
|---------------------------------------|--------|
| Compatible With Wire Base Material    | Copper |
| Compatible With Wire Plating Material | Tin    |

Industry Standards

|                               |    |
|-------------------------------|----|
| Government Qualified Terminal | No |
|-------------------------------|----|

Packaging Features

|                    |              |
|--------------------|--------------|
| Packaging Quantity | 2500         |
| Packaging Method   | Tape Mounted |

Product Compliance

For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant                                                                                                                       |
| EU ELV Directive 2000/53/EC                   | Compliant                                                                                                                       |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold                                                                                         |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                  |
| Solder Process Capability                     | Not applicable for solder process capability                                                                                    |

Product Compliance Disclaimer



This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

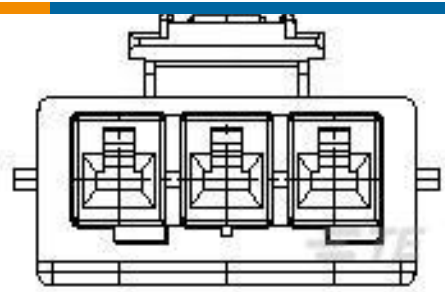
|                                              |                                      |                                            |                                   |
|----------------------------------------------|--------------------------------------|--------------------------------------------|-----------------------------------|
|                                              |                                      |                                            |                                   |
| TE Part # 58433-3<br>PRO CR ASSY, RBY IS9252 | TE Part # 58423-1<br>DIE, RBY IS9252 | TE Part # 47386<br>DAHT PG PIDG 26-16 ASSY | TE Part # 169404<br>CERTI-LOK DIE |

Also in the Series | PLASTI-GRIP

|                           |                                      |                     |                      |
|---------------------------|--------------------------------------|---------------------|----------------------|
|                           |                                      |                     |                      |
| Compression Connectors(3) | Crimp Wire Pins, Tabs & Ferrules(19) | Ring Terminals(300) | Spade Terminals(160) |

Splices(46)

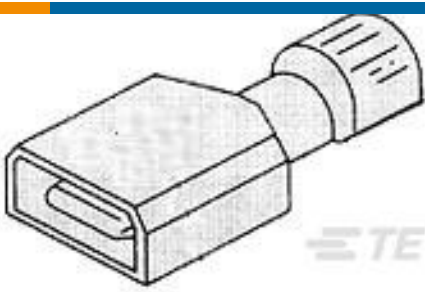
Customers Also Bought



TE Part #368571-1  
PDL 3P PLUG 3.96(GWT) NAT



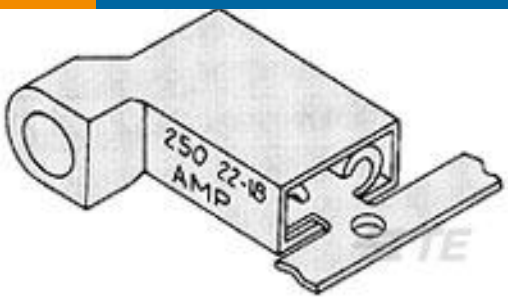
TE Part #770075-1  
04P .093 COMM P&S RECPT HSG



TE Part #3-521057-2  
ULTRAFast 250 ASSY TAB 16-14 AWG TPBR



TE Part #329251  
SPLICE, CE, 22-12



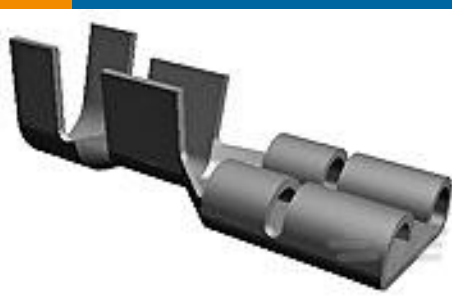
TE Part #2-520336-2  
ULTRA-FAST 187 ASY REC 22-18 TPBR



TE Part #61944-2  
250 FASTON REC 18-14 AWG TPBR



TE Part #42742-2  
250 FASTON FLAG REC 18-12 AWG TPBR



TE Part #63537-2  
250 FASTON REC 18-14 TPBR



TE Part #1393127-9  
PRD-11AG0-120=PRD



TE Part #454276-5  
FLOATING SHEAR

Documents

Product Drawings

PG SPR SPD 22-16COM22-18MIL 10

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_52951-3\_S.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_52951-3\_S.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_52951-3\_S.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications



Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

LARGE EXPANSION PRODUCTS (FOR WIRE INSTULATION WITH 1/16" AND 5/64" WA

English

Agency Approvals

UL Report

English