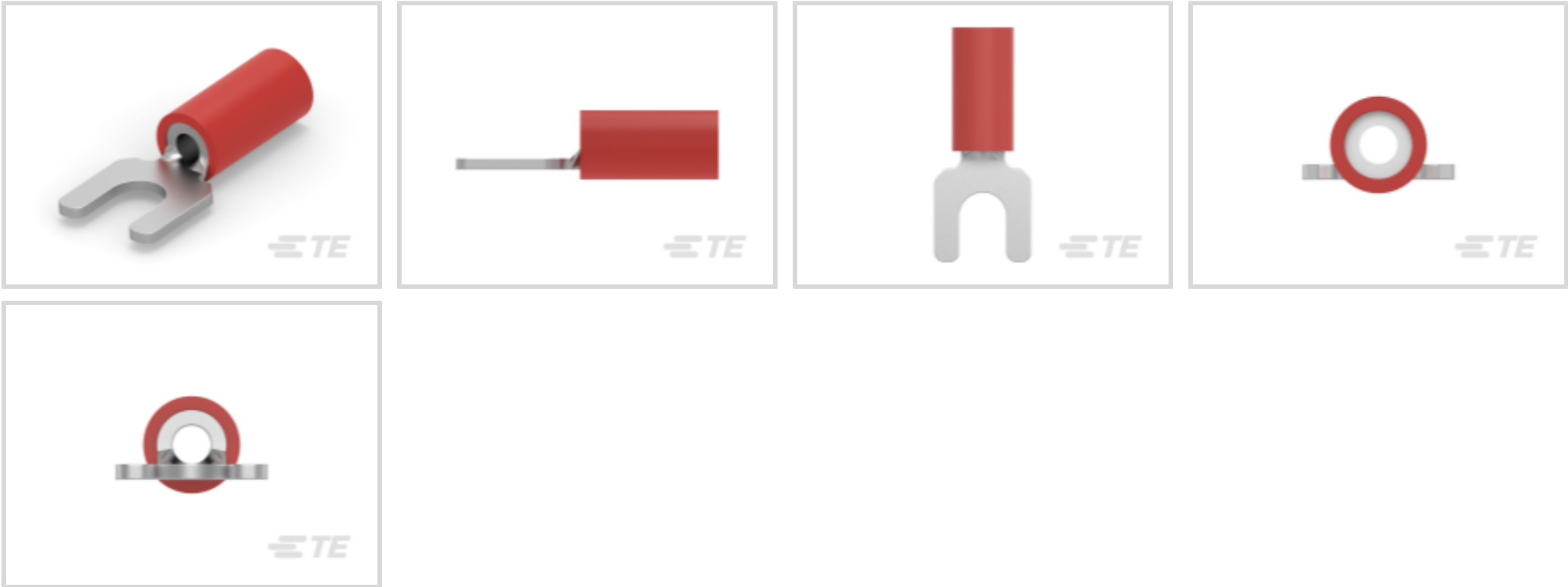




Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spade Tongue Terminal**

Wire Size: **509 – 3260 CMA**

Stud Size: **#6, M3.5**

Features

Contact Features

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

Dimensions

|                                      |                                |
|--------------------------------------|--------------------------------|
| Wire Size                            | 509 – 3260 CMA                 |
| Stud Diameter                        | 3.68 mm [.145 in]              |
| Tongue Thickness                     | .79 mm [.031 in]               |
| Product Length                       | 19.43 mm [.765 in]             |
| Compatible Insulation Diameter (Max) | 3.56 mm [.14 in]               |
| Compatible Insulation Diameter Range | 2.67 – 3.56 mm [.105 – .14 in] |

Product Type Features

|                                        |                    |
|----------------------------------------|--------------------|
| Stud Size                              | #6, M3.5           |
| Sealable                               | No                 |
| Wire Insulation Support Retention Type | Insulation Support |



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    |

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Method   | Loose Piece |
| Packaging Quantity | 100         |

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

Electrical Characteristics

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

Body Features

|                |        |
|----------------|--------|
| Product Weight | 1.56 g |
|----------------|--------|

Mechanical Attachment

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

Industry Standards

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

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

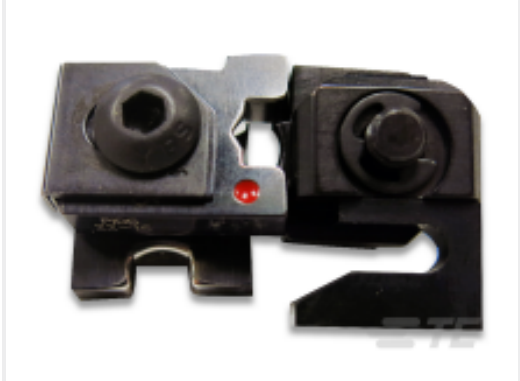
|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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>

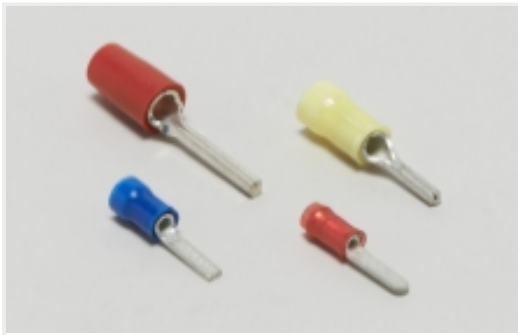
Compatible Parts

|                                                                                                                                          |                                                                                                                                                         |                                                                                                                                            |                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 59250<br/>T-HEAD PIDG 26-14 ASSY</p>    |  <p>TE Part # 59824-1<br/>TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p> |  <p>TE Part # 47386<br/>DAHT PG PIDG 26-16 ASSY</p>   |  <p>TE Part # 58433-3<br/>PRO CR ASSY, RBY IS9252</p> |
|  <p>TE Part # 539691-2<br/>ERGO DIE R.B.Y</p>         |  <p>TE Part # 58423-1<br/>DIE, RBY IS9252</p>                       |  <p>TE Part # 55823-1<br/>RBY PRO CRIMPER KIT</p>     |  <p>TE Part # 2063030-1<br/>SDE DIESET, RBY, UL</p>   |
|  <p>TE Part # 47806-2<br/>DIES PIDG 22-16 DIE SET</p> |  <p>TE Part # 59300<br/>T-HEAD PIDG PG 26-16 ASSY</p>               |  <p>TE Part # 169400<br/>CERTI-LOK FRAME W/O DIES</p> |  <p>TE Part # 169404<br/>CERTI-LOK DIE</p>            |

Also in the Series | **PLASTI-GRIP**



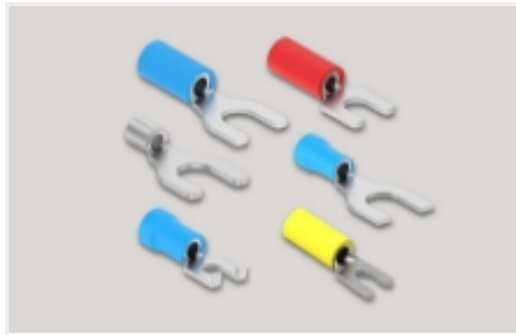
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(18)



Ring Terminals(297)



Spade Terminals(157)



Splices(44)

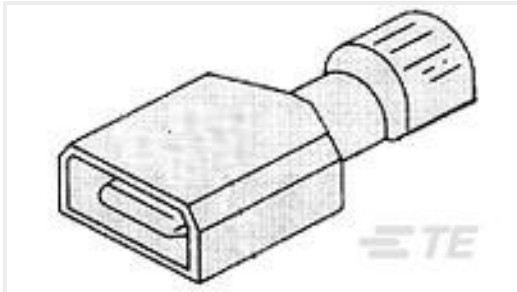
Customers Also Bought



TE Part #3-640440-5  
05P MTA100 CONN ASSY 22AWG RED



TE Part #320665  
PG SPD 22-16 COMM 22-18 MIL 6



TE Part #2-520103-2  
ULTRA-FAST 250 ASSEMBLY TAB 22-18 AWG BR



TE Part #5053002017  
RNF-100-1/8-2-STK



TE Part #5054552012  
RNF-100-1/2-5-STK



TE Part #NB09312001  
ATUM-12/4-0-STK



TE Part #8-34148-1  
PG R 22-16 COMM 22-18 MIL 8



TE Part #3-1393127-5  
PRD-11DG0-12=PRD

Documents

Product Drawings

PG SPD 22-16 COMM 22-18 MIL 6

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_8-320665-1\_N.2d\_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_8-320665-1\\_N.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_8-320665-1\\_N.3d\\_stp.zip](#)

English

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Product Specifications

Application Specification

English