

2-165008-1 ✓ ACTIVE

PLASTI-GRIP

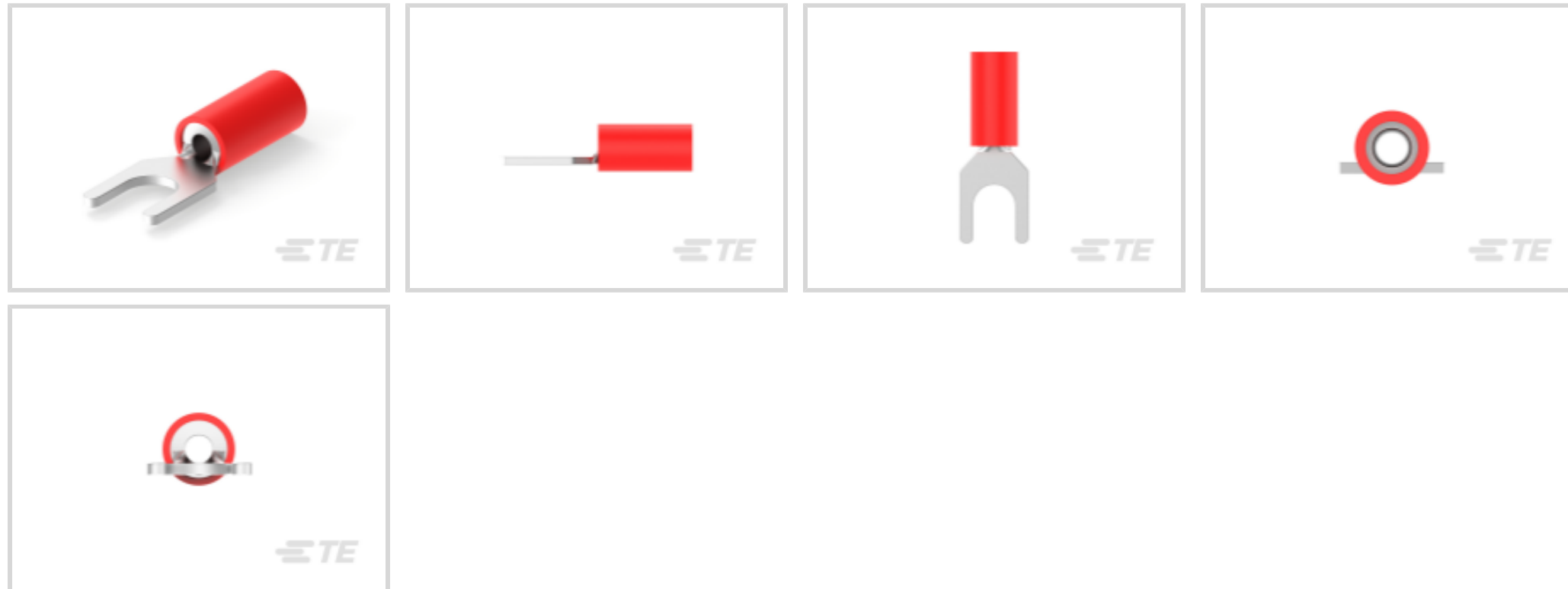
TE Internal #: 2-165008-1

Spade Tongue Terminal, 22 – 16 AWG, #8 / M4 Stud Size, 4.3 mm [.171 in] Stud Diameter, Closed Barrel, Straight, Tin, Partially Insulated, PLASTI-GRIP

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Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spade Tongue Terminal**

Wire Size: **509 – 3260 CMA**

Stud Size: **#8, M4**

**Features**

**Product Type Features**

Stud Size	#8, M4
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

**Electrical Characteristics**

Voltage Rating	600 V
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**Body Features**

Insulation Sleeve Color	Red
Stripe Color	Red
Product Weight	.155 g

**Contact Features**

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

**Mechanical Attachment**



Wire Insulation Support	Without
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### Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	4.3 mm [.171 in]
Tongue Thickness	.79 mm [.031 in]
Product Length	21.1 mm [.829 in]
Compatible Insulation Diameter (Max)	3.6 mm [.141 in]
Compatible Insulation Diameter Range	2.7 – 3.6 mm [.106 – .142 in]

### Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	90 °C [194 °F]

### Operation/Application

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

### Industry Standards

Government Qualified Terminal	No
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### Packaging Features

Packaging Quantity	5000
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) Candidate List Declared Against: JUNE 2024 (241) 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 # 58423-1  
DIE, RBY IS9252



TE Part # 47386  
DAHT PG PIDG 26-16 ASSY




TE Part # 58433-3  
PRO CR ASSY, RBY IS9252



TE Part # 169404  
CERTI-LOK DIE

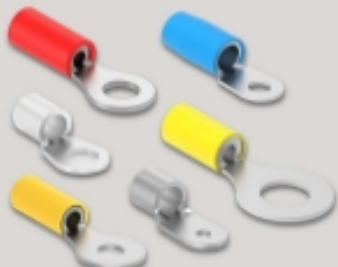
## Also in the Series | PLASTI-GRIP



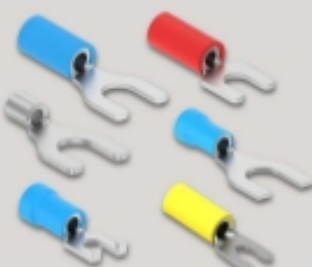
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(19)



Ring Terminals(300)



Spade Terminals(159)



Splices(45)

## Customers Also Bought



TE Part #HDP24-18-6PN  
REC, 6P, BLK, N, 4/16, P



TE Part #T4110001081-000  
M12,FEMALE,STRAIGHT,A CODE,8P,  
PG7,GOLD



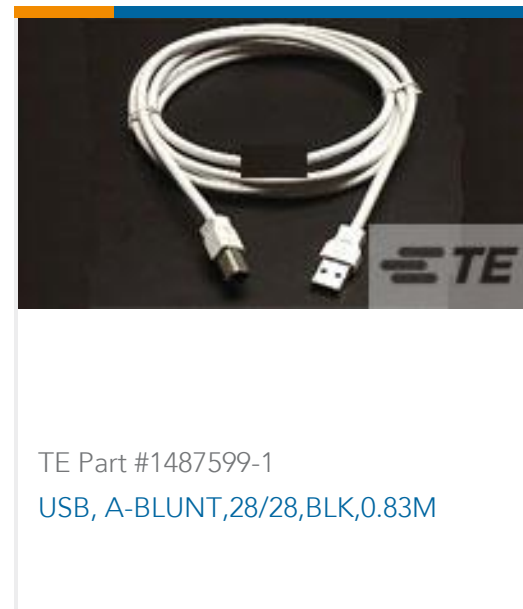
TE Part #320552  
PIDG R 22-16 COMM 22-18 MIL 10



TE Part #E26016-000  
NT-MIL-3/16-0-SP



TE Part #38946-22  
CONTACTS (=724-0003-22)



TE Part #1487599-1  
USB, A-BLUNT,28/28,BLK,0.83M



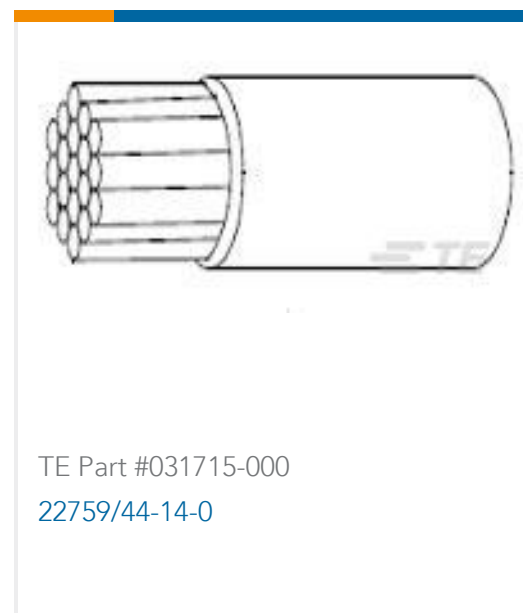
TE Part #2176331-3  
CRGP 2512 15R 1%



TE Part #HD10-6-12P-E004  
REC, 6P, BLK, N, THRD, FLANGE, 12



TE Part #53440-1  
ELECTRO-TAP, 18-14 AWG RUN&TAP



TE Part #031715-000  
22759/44-14-0

## Documents

### Product Drawings

[P.G. SPADE](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-165008-1\\_J.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-165008-1\\_J.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-165008-1\\_J.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_2-165008-1\\_C2.3d\\_igs.zip](#)

English



### Customer View Model

[ENG\\_CVM\\_2-165008-1\\_C2.3d\\_stp.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_2-165008-1\\_C2.2d\\_dxf.zip](#)

English

### 3D PDF

English

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

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### Product Specifications

[Application Specification](#)

English

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### Agency Approvals

[UL Report](#)

English