

165008 ✓ ACTIVE

PLASTI-GRIP

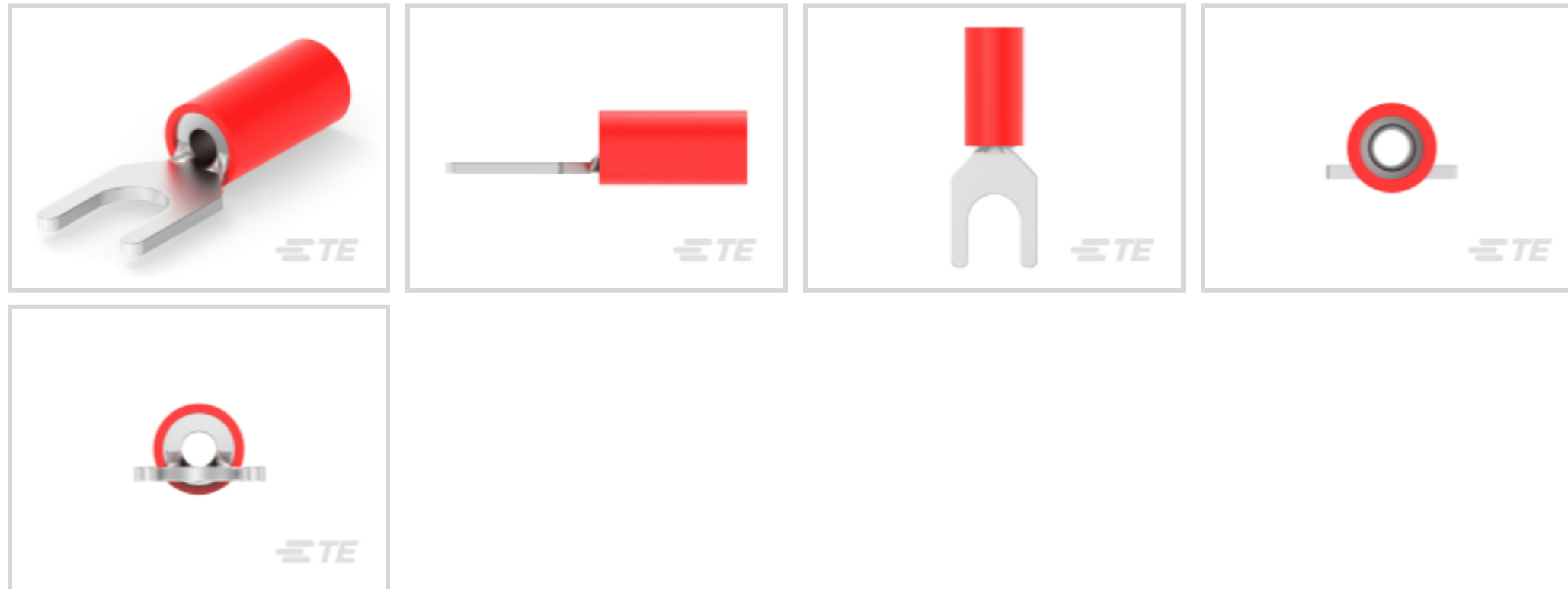
TE Internal #: 165008

Spade Tongue Terminal, 22 – 16 AWG, M4 / #8 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**

Product Weight	2.116 g
Insulation Sleeve Color	Red
Stripe Color	Red

**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	20.96 mm [.825 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	105 °C [221 °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	1000
Packaging Method	Loose Piece

### 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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



REPRESENTATION ONLY

TE Part # 47386  
DAHT PG PIDG 26-16 ASSY



TE Part # 58423-1  
DIE, RBY IS9252



TE Part # 1-1377173-9  
SMP 0-0165008-0



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



TE Part # 47806-2  
DIES PIDG 22-16 DIE SET



TE Part # 169400  
CERTI-LOK FRAME W/O DIES




TE Part # 1SET191001R0000  
CRIMP-HT



TE Part # 169404  
CERTI-LOK DIE


### Also in the Series | PLASTI-GRIP



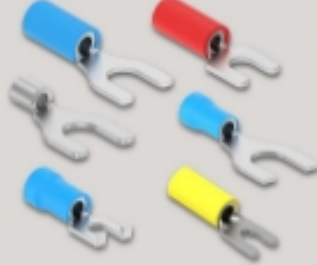
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(25)



Ring Terminals(333)

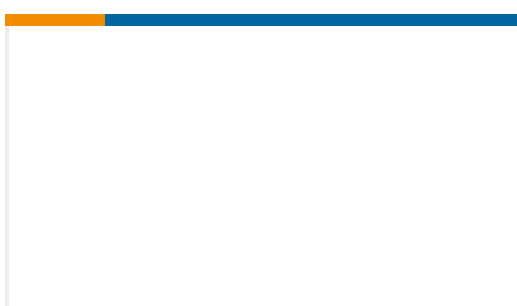


Spade Terminals(195)



Splices(50)

## Customers Also Bought

TE Part #1623722-2  
SBCH 11 1R5 5%TE Part #1-1625893-2  
5W SM M/OX 2% 18RTE Part #1-1625893-3  
5W SM M/OX 2% 22RTE Part #1-2176364-0  
RQ 0402 5K76 0.1% 10PPM 5K RLTE Part #5053232026  
RNF-100-1/2-9-STKTE Part #YDTS26W21-39SNV001  
PLUG ASSYTE Part #YDTS26F21-39PNV001  
PLUG ASSYTE Part #1-2176090-1  
RP 1J 0.166W 165K 0.1% 25PPM 1K RLTE Part #ZPF000000000105326  
DTS 20 N 15-97 PN 900R

## Documents

### Product Drawings

[PLASTI-GRIP, SPADE 22-16 8](#)

English

### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_165008\\_J.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_165008\\_J.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_165008\\_J.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_165008\\_C2.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_165008\\_C2.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_165008\\_C2.2d\\_dxf.zip](#)

English

**3D PDF**

English

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**Product Specifications**

**Application Specification**

English

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**Product Environmental Compliance**

[MD\\_165008\\_06112018130\\_dmtec](#)

English

[MD\\_165008\\_06112018130\\_dmtec](#)

English

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**Instruction Sheets**

**Instruction Sheet (U.S.)**

English

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**Agency Approvals**

**UL Report**

English

**UL Report**

English