

1-324581-1 ✓ ACTIVE

PLASTI-GRIP

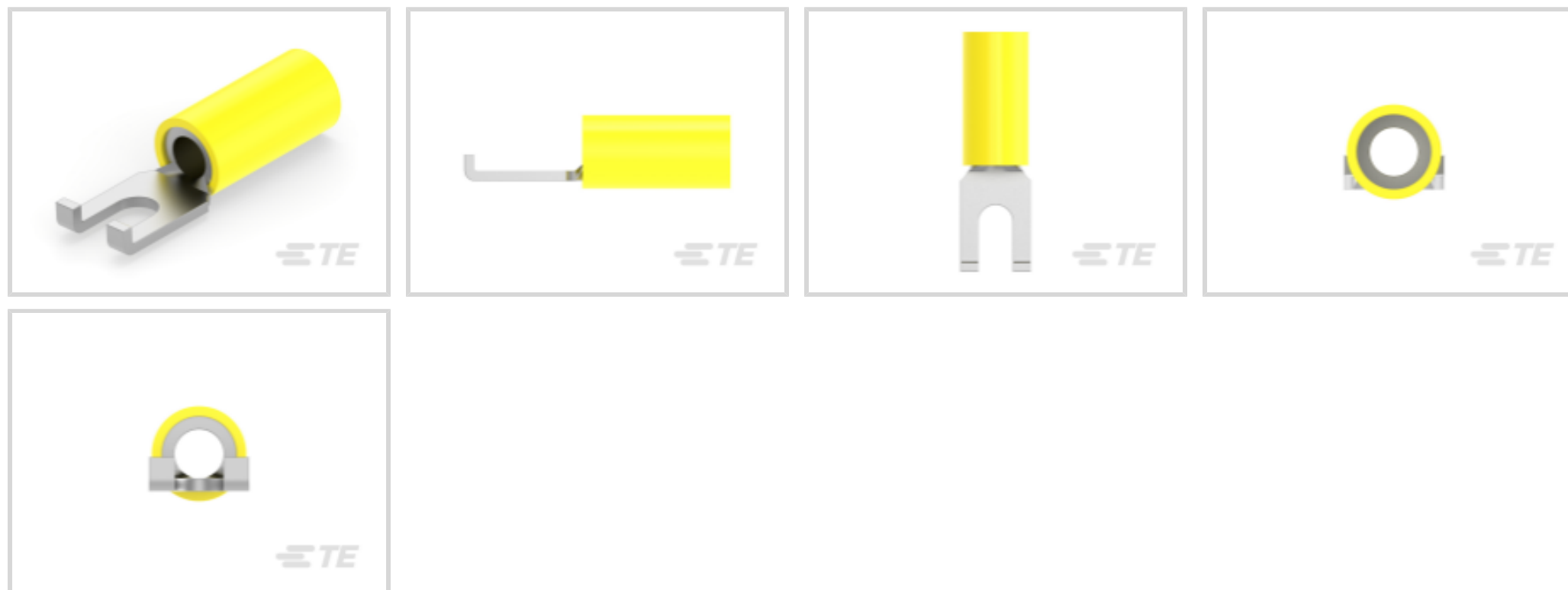
TE Internal #: 1-324581-1

Spade Tongue Terminal, 12 – 10 AWG, M3.5 / #6 Stud Size, 3.68 mm [.145 in] Stud Diameter, Closed Barrel, Flanged, Tin, PLASTI-GRIP

[View on TE.com >](#)



Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spade Tongue Terminal**

Wire Size: **5180 – 13100 CMA**

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

**Features**

**Product Type Features**

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

**Electrical Characteristics**

Voltage Rating	600 V
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**Body Features**

Product Weight	1.808 g
Insulation Sleeve Color	Yellow
Stripe Color	Yellow

**Contact Features**

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

**Mechanical Attachment**



Wire Insulation Support	With
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### Dimensions

Wire Size	5180 – 13100 CMA
Stud Diameter	3.68 mm [.145 in]
Tongue Thickness	.79 mm [.031 in]
Product Length	25.83 mm [1.017 in]
Compatible Insulation Diameter (Max)	6.35 mm [.25 in]
Compatible Insulation Diameter Range	3.81 – 6.35 mm [.15 – .25 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	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 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



TE Part # 59824-1  
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY



TE Part # 59239-4  
HHHT PIDG PG 12-10 ASSY



TE Part # 58423-1  
DIE, RBY IS9252



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



TE Part # 1SET191001R0000  
CRIMP-HT

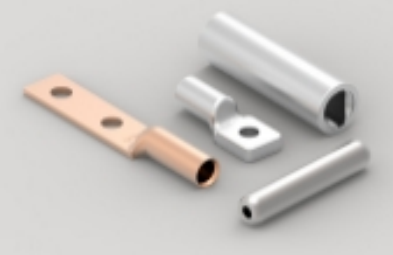


TE Part # 1SET191002R0000  
TET CRIMP-HT



TE Part # 169404  
CERTI-LOK DIE


## Also in the Series | PLASTI-GRIP



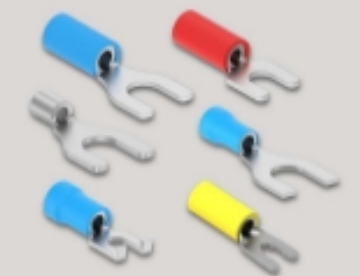
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(25)



Ring Terminals(333)



Spade Terminals(198)



Splices(50)

### Customers Also Bought



TE Part #3-640426-3  
03P MTA156 CONN ASSY 18AWG  
ORA



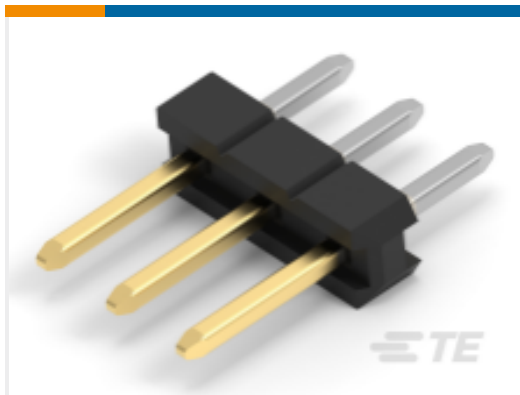
TE Part #52856-1  
TERMINAL,PG SPD FLG 12-10 10



TE Part #1625960-9  
HBA RE 47M 1% 100PPM



TE Part #8-2176089-4  
RP 1J 0.166W 86K6 0.1% 25PPM 1K RL



TE Part #2355172-4  
4P,2MM,BRK HDR,SRVT,2.8,0.1AU,BOX



TE Part #202507-1  
CONTACT PIN ASSY.



TE Part #51864-1  
TERM, RT, PIDG, 16-14, #8



TE Part #58246-1  
MTA 100 CRIMP HEAD REPAIR  
DISCRETE



TE Part #201328-1  
CONTACT SOCKET ASSY.

### Documents

#### Product Drawings

[TERMINAL,PG SPD FLG 12-10 6](#)

English

#### CAD Files

Customer View Model

[ENG\\_CVM\\_1-324581-1\\_R.3d\\_igs.zip](#)

English

Customer View Model



[ENG\\_CVM\\_1-324581-1\\_R.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_1-324581-1\\_R.2d\\_dxf.zip](#)

English

**3D PDF**

English

**3D PDF**

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-324581-1\\_V.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-324581-1\\_V.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-324581-1\\_V.3d\\_stp.zip](#)

English

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## Product Specifications

[Application Specification](#)

English

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## Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

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## Agency Approvals

[UL Report](#)

English