

165019 ✓ ACTIVE

PLASTI-GRIP

TE Internal #: 165019

Spade Tongue Terminal, 12 – 10 AWG, M6 Stud Size, 6.34 mm [.25 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: **5180 – 13100 CMA**

Stud Size: **M6**

**Features**

**Product Type Features**

Stud Size	M6
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

**Electrical Characteristics**

Voltage Rating	600 V
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**Body Features**

Product Weight	.395 g
Insulation Sleeve Color	Yellow
Stripe Color	Yellow

**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	5180 – 13100 CMA
Stud Diameter	6.34 mm [.25 in]
Tongue Thickness	.79 mm [.031 in]
Product Length	33.07 mm [1.302 in]
Compatible Insulation Diameter (Max)	6.4 mm [.252 in]
Compatible Insulation Diameter Range	3.8 – 6.4 mm [.149 – .252 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	500
Packaging Method	Box

### 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 reviewed 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



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



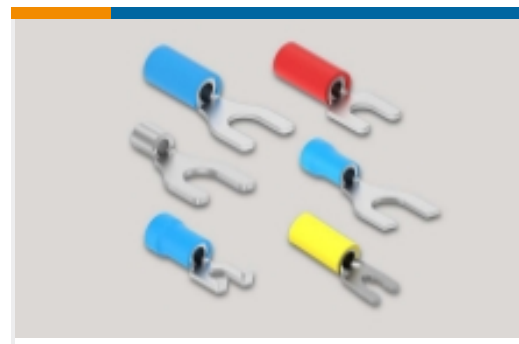
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(25)



Ring Terminals(333)

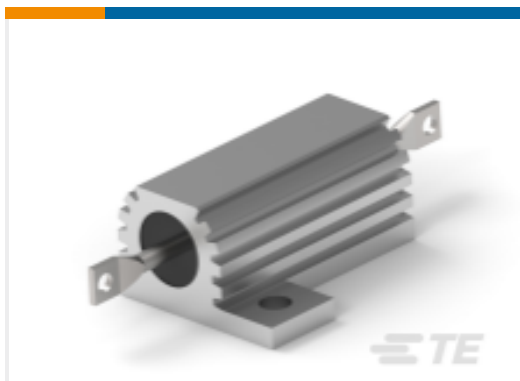


Spade Terminals(195)



Splices(50)

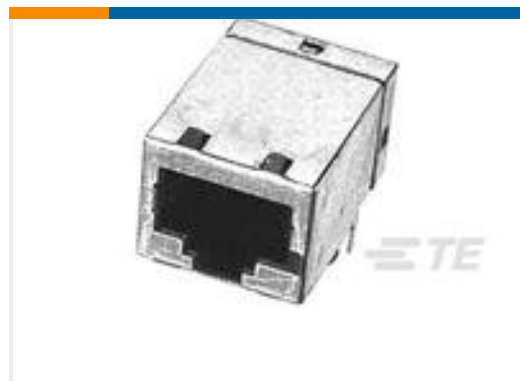
## Customers Also Bought



TE Part #6-1879071-1  
Power Resistor: Aluminum Housed, 75 Watt



TE Part #843052-000  
101A052-3-0



TE Part #1-1734580-1  
MOD-Jack, RJ45, 10P10C, SHD LP, 6u" Au



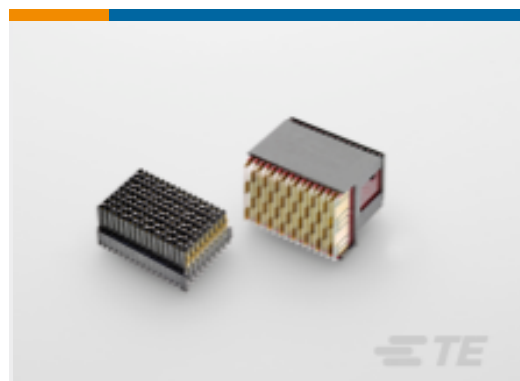
TE Part #1577649-1  
TERMINAL RT PIDG PEEK STRATO 10 AWG



TE Part #6-1618406-7  
CAP202ASAND=Relay, DPST-NO 28V



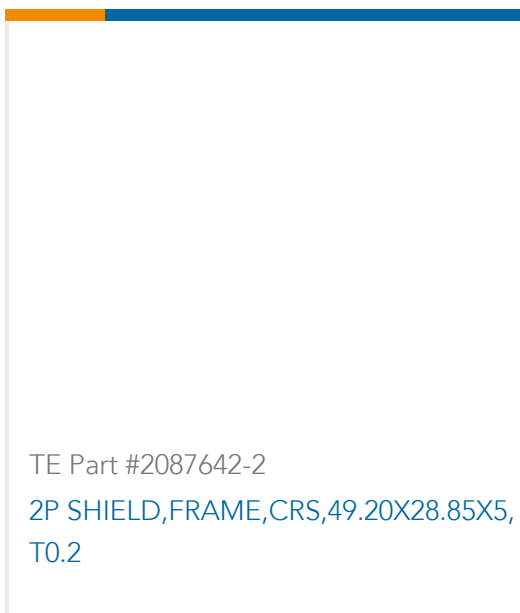
TE Part #815664-000  
SO96-5-55-22-90



TE Part #2313237-1  
RAPLUGASSY, MGRT3, POWER, DP, SE, CENTER



TE Part #YDBC54H-8-98PNV001  
HERM RECP



TE Part #2087642-2  
2P SHIELD, FRAME, CRS, 49.20X28.85X5, T0.2

## Documents



## Product Drawings

### PG SPADE

English

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## CAD Files

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_165019\\_L.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_165019\\_L.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_165019\\_L.3d\\_stp.zip](#)

English

### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_165019\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_165019\\_B.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_165019\\_B.2d\\_dxf.zip](#)

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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## Product Environmental Compliance

### Product Compliance

English

### Product Compliance

English

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## Instruction Sheets

### Instruction Sheet (U.S.)

English

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## Agency Approvals

### UL Report

English

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## UL Report

English