

2-324165-1 ✓ ACTIVE

PLASTI-GRIP

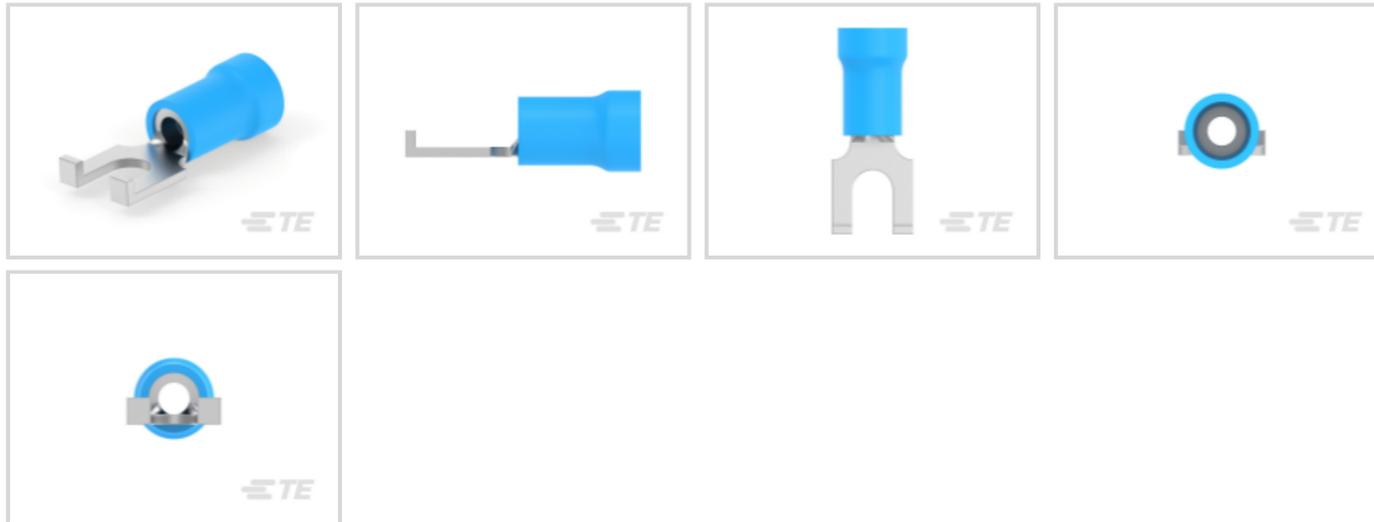
TE Internal #: 2-324165-1

Spade Tongue Terminal, 16 – 14 AWG, #6 / M3.5 Stud, 3.68 mm [.145 in] Stud Diameter, Closed Barrel, Flanged, Tin Plating, PLASTI-GRIP

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Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spade Tongue Terminal**

Wire Size: **2050 – 5180 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 |
|----------------|-------|

**Body Features**

|                         |        |
|-------------------------|--------|
| Product Weight          | .247 g |
| Insulation Sleeve Color | Blue   |
| Stripe Color            | Blue   |

**Contact Features**

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

**Mechanical Attachment**



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

### Dimensions

|                                      |                             |
|--------------------------------------|-----------------------------|
| Wire Size                            | 2050 – 5180 CMA             |
| Stud Diameter                        | 3.68 mm [.145 in]           |
| Tongue Thickness                     | .79 mm [.031 in]            |
| Product Length                       | 19.02 mm [.749 in]          |
| Compatible Insulation Diameter (Max) | 4.9 mm [.193 in]            |
| Compatible Insulation Diameter Range | 3 – 4.9 mm [.118 – .193 in] |

### Usage Conditions

|                             |                         |
|-----------------------------|-------------------------|
| Insulation Option           | Partially Insulated     |
| Operating Temperature Range | 0 – 105 °C [0 – 221 °F] |

### Operation/Application

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

### Industry Standards

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

### 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<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



TE Part # 169404  
CERTI-LOK DIE



TE Part # 47387  
DAHT PG PIDG 20-14 ASSY



TE Part # 58423-1  
DIE, RBY IS9252



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

### Also in the Series | PLASTI-GRIP



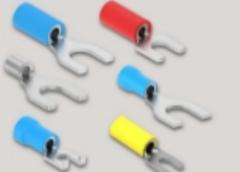
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(20)



Ring Terminals(310)



Spade Terminals(158)



Splices(45)

### Customers Also Bought



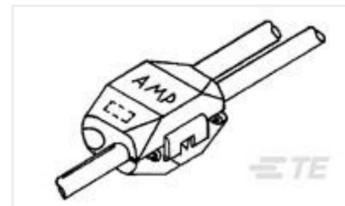
TE Part #2-32053-1  
PIDG SPD 22-16 COMM 22-18MIL 8



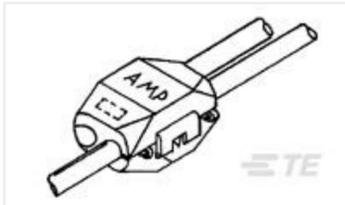
TE Part #2-33458-3  
TERMINAL,SOLIS R 12-10 1/4



TE Part #2-33461-2  
TERMINAL,SOLIS R 8 1/4



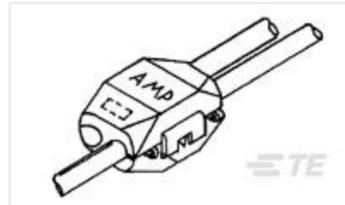
TE Part #53440-1  
ELECTRO-TAP, 18-14 AWG RUN&TAP



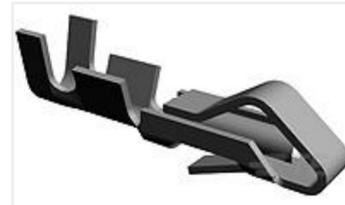
TE Part #53440-2  
ELECTRO-TAP, 20-18 AWG RUN&TAP



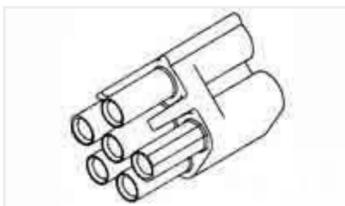
TE Part #60772-2  
RING CRIMP 18-14 AWG TPBR



TE Part #177766-1  
ELECTRO TAP ASSY



TE Part #3-640252-1  
045 POST CONT 0126PTPBR



TE Part #794911-1  
6 POS UMNL CIR PLUG HSG



TE Part #794912-1  
6 POS UMNL CIR CAP HSG

## Documents

### Product Drawings

[TERMINAL,PG SPD FLG 16-14 6](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-324165-1\\_P.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-324165-1\\_P.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-324165-1\\_P.3d\\_stp.zip](#)

English

[3D PDF](#)

English



**Customer View Model**

[ENG\\_CVM\\_2-324165-1\\_H.2d\\_dxf.zip](#)

English

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English

**Customer View Model**

[ENG\\_CVM\\_2-324165-1\\_H.3d\\_stp.zip](#)

English

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**Product Specifications**

[Application Specification](#)

English

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**Agency Approvals**

[UL Report](#)

English