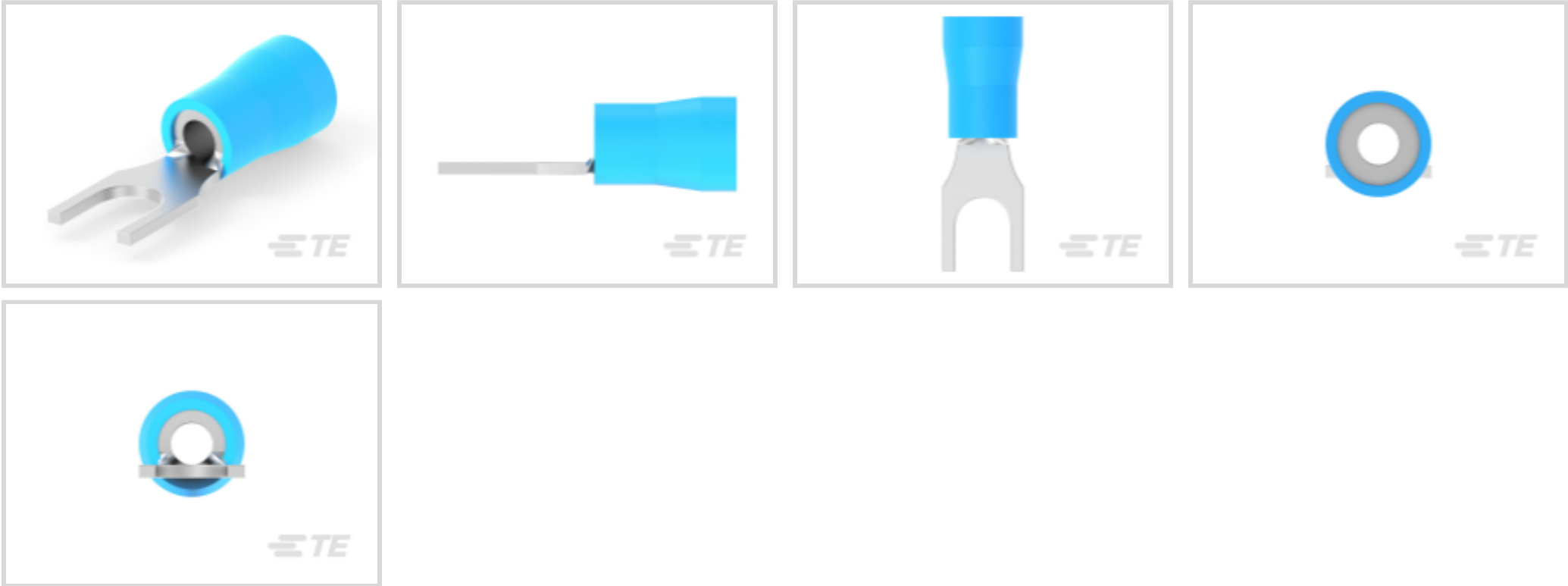




Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spade Tongue Terminal**

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

Body Features

|                         |        |
|-------------------------|--------|
| Product Weight          | .185 g |
| Insulation Sleeve Color | Blue   |
| Stripe Color            | Blue   |

Contact Features

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

Mechanical Attachment

|                         |         |
|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|



Dimensions

|                                      |                               |
|--------------------------------------|-------------------------------|
| Wire Size                            | 2050 – 5180 CMA               |
| Stud Diameter                        | 4.3 mm[.171 in]               |
| Tongue Thickness                     | .79 mm[.031 in]               |
| Product Length                       | 20.83 mm[.82 in]              |
| Compatible Insulation Diameter (Max) | 4.95 mm[.195 in]              |
| Compatible Insulation Diameter Range | 3.05 – 4.95 mm[.12 – .195 in] |

Usage Conditions

|                   |                     |
|-------------------|---------------------|
| Insulation Option | Partially Insulated |
|-------------------|---------------------|

Operation/Application

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

Industry Standards

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

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 1000 |
| 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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<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 # 169400  
CERTI-LOK FRAME W/O DIES

TE Part # 47387  
DAHT PG PIDG 20-14 ASSY

TE Part # 59250  
T-HEAD PIDG 26-14 ASSY

TE Part # 58423-1  
DIE, RBY IS9252

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

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

TE Part # 169404  
CERTI-LOK DIE

Also in the Series | PLASTI-GRIP

Compression Connectors(3)

Crimp Wire Pins, Tabs & Ferrules(20)

Ring Terminals(310)

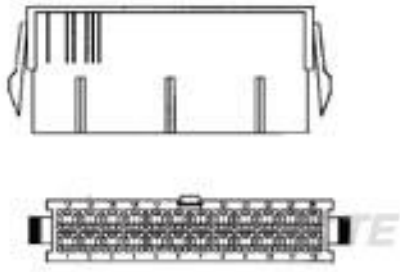
Spade Terminals(158)

Splices(45)





Customers Also Bought



TE Part #794953-8  
8P PM PLUG VAL-U-LOK V2



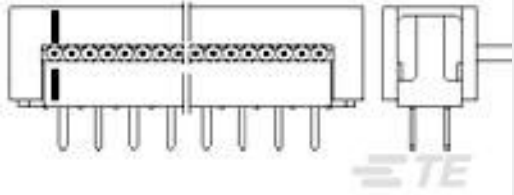
TE Part #2-36153-2  
PIDG R 22-16 COMM 22-18 MIL 10



TE Part #5-520315-5  
TRIOMATE ASSY V 5P L=3.556LDFR



TE Part #7-1393104-5  
KRPA-14AN-240=KRPA



TE Part #1-216093-4  
AMP-LATCH PRE-ASSY DIL WITHO



TE Part #35349  
TERMINAL,PG R 16-14HD 1/4



TE Part #34152  
PG R 22-16 COMM 22-18 MIL 3/8



TE Part #34854  
TERMINAL,PG R 12-10 10



TE Part #66102-6  
III+ PIN,24-20,30AU>10,STRIP



Documents

Product Drawings  
PLASTI-GRIP, SPADE 16-14 8  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_165012\_J.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_165012\_J.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_165012\_J.3d\_stp.zip  
English  
3D PDF



English

Customer View Model

[ENG\\_CVM\\_165012\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_165012\\_C.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_165012\\_C.2d\\_dxf.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[UL](#)

English