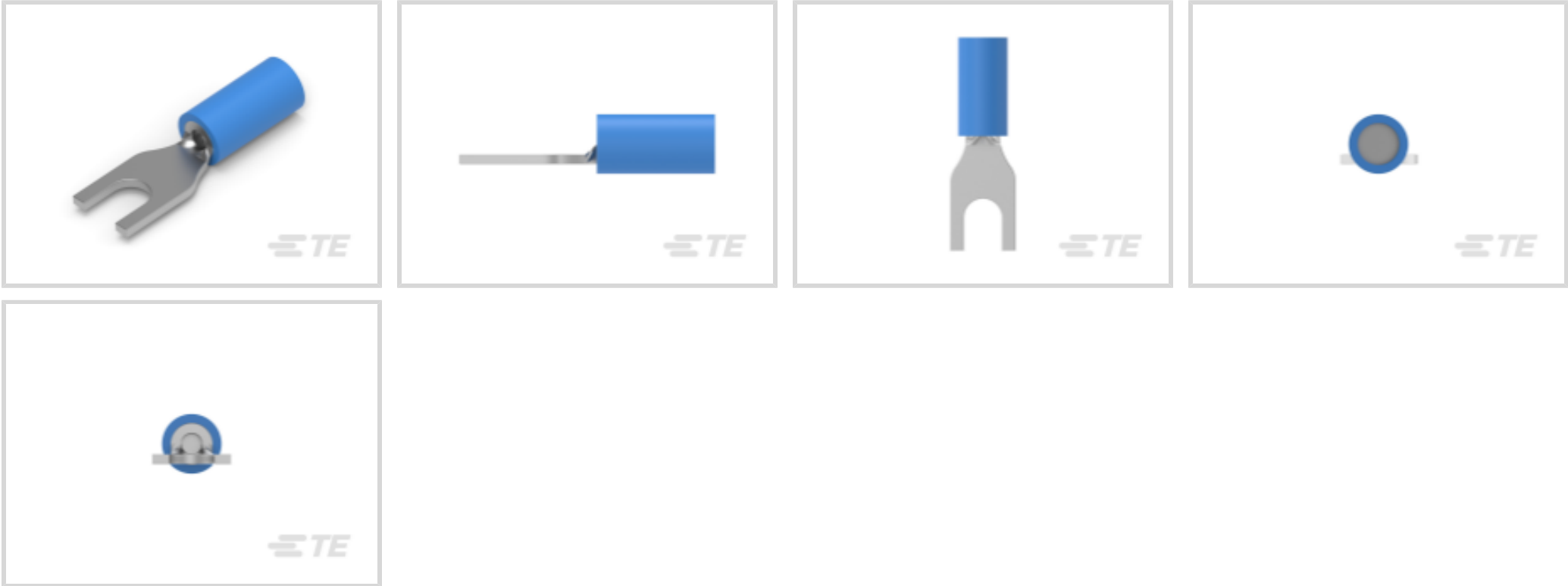




Terminals & Splices > Spade Terminals



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 | .93 g |
|----------------|-------|

Contact Features

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

Mechanical Attachment

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

Dimensions

|  |  |
|--|--|
|  |  |
|--|--|

|                                      |                            |
|--------------------------------------|----------------------------|
| Wire Size                            | 2050 – 5180 CMA            |
| Stud Diameter                        | 4.34 mm[.171 in]           |
| Tongue Thickness                     | .79 mm[.031 in]            |
| Product Length                       | 23.37 mm[.92 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 |
|-------------------|---------------------|

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   | 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: 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                                                                                  |

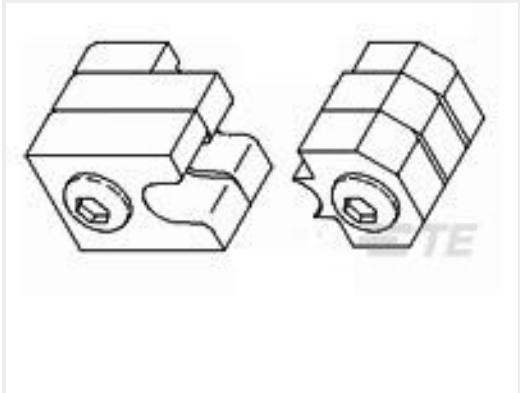
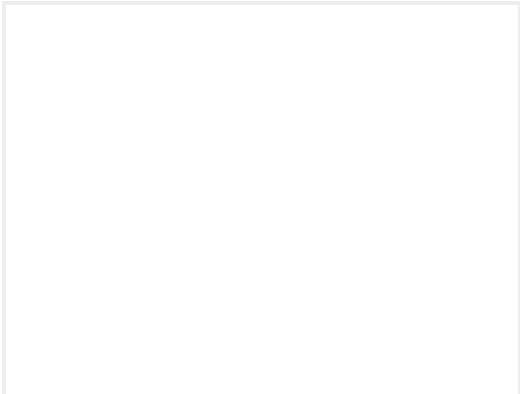
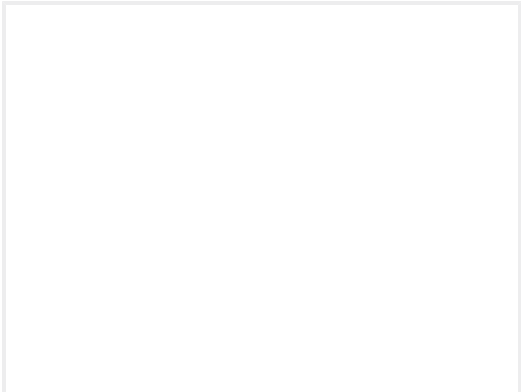
Product Compliance Disclaimer

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

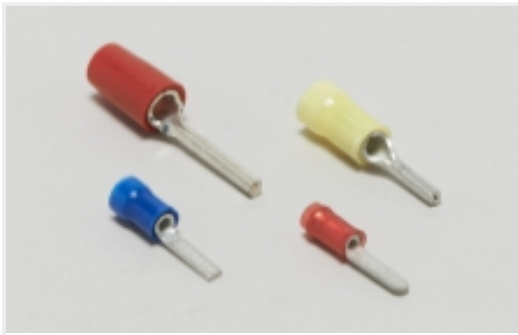
|                                                                                                                                                         |                                                                                                                                                          |                                                                                                                                           |                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 47807-1<br/>DIES PIDG 16-14 DIE SET</p>                 |  <p>TE Part # 3-1377173-0<br/>SMP 0-0034166-0</p>                     |  <p>TE Part # 58423-1<br/>DIE, RBY IS9252</p>         |  <p>TE Part # 58433-3<br/>PRO CR ASSY, RBY IS9252</p>                |
|  <p>TE Part # 2392022-2<br/>BLUE BATTERY DAHT KIT 220V (47387-7)</p> |  <p>TE Part # 169400<br/>CERTI-LOK FRAME W/O DIES</p>                |  <p>TE Part # 47387<br/>DAHT PG PIDG 20-14 ASSY</p>  |  <p>TE Part # 55823-1<br/>RBY PRO CRIMPER KIT</p>                   |
|  <p>TE Part # 59250<br/>T-HEAD PIDG 26-14 ASSY</p>                   |  <p>TE Part # 2392022-1<br/>BLUE BATTERY DAHT KIT 110V (47387-7)</p> |  <p>TE Part # 539691-2<br/>ERGO DIE R.B.Y</p>        |  <p>TE Part # 169404<br/>CERTI-LOK DIE</p>                          |
|  <p>TE Part # 2063030-1<br/>SDE DIESET, RBY, UL</p>                  |  <p>TE Part # 47387-7<br/>DAHT PG PIDG 16-12 ASSY</p>                |  <p>TE Part # 525691<br/>DAHT PG PIDG 16-14 ASSY</p> |  <p>TE Part # 59824-1<br/>TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p> |

Also in the Series | PLASTI-GRIP





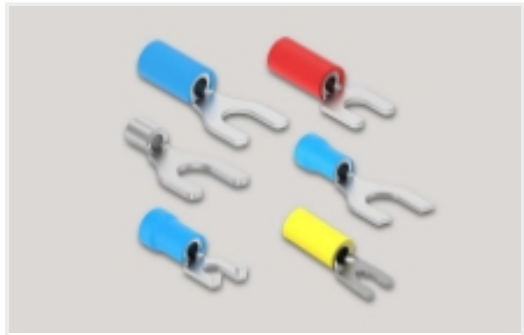
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(20)



Ring Terminals(310)



Spade Terminals(158)



Splices(45)

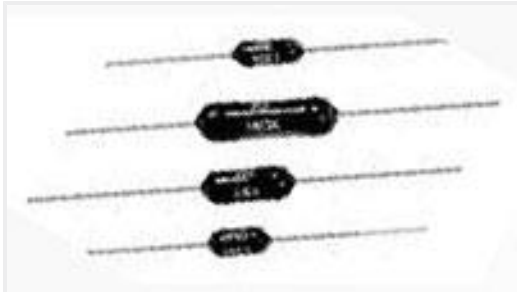
Customers Also Bought



TE Part #926647-3  
UNIV.M-N-L.CAP HSG



TE Part #2390879-1  
SDE F JR PWR TMR 0.5-1.0mm2 ASSY



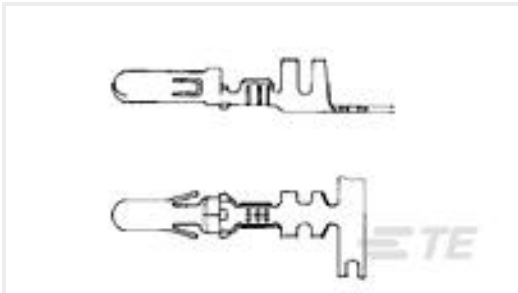
TE Part #1-1879663-5  
H8 150R 0.1% 15PPM



TE Part #34156  
PG SPD 22-16 COMM 22-18 MIL 10



TE Part #4-1879071-4  
THS50 270R 5%



TE Part #925713-1  
M-N-L PIN TPBR



TE Part #34154  
P.G. SPADE



TE Part #2350398-3  
3 POS SPRING TB PLUG , PITCH 3.50



TE Part #34167  
TERMINAL,PG SPD 16-14 10



TE Part #66593-1  
TYPE VI PIN CONT,M-MATE,LP

Documents



Product Drawings

TERMINAL,PG SPD 16-14 8

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_34166\_P.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_34166\_P.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_34166\_P.3d\_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English