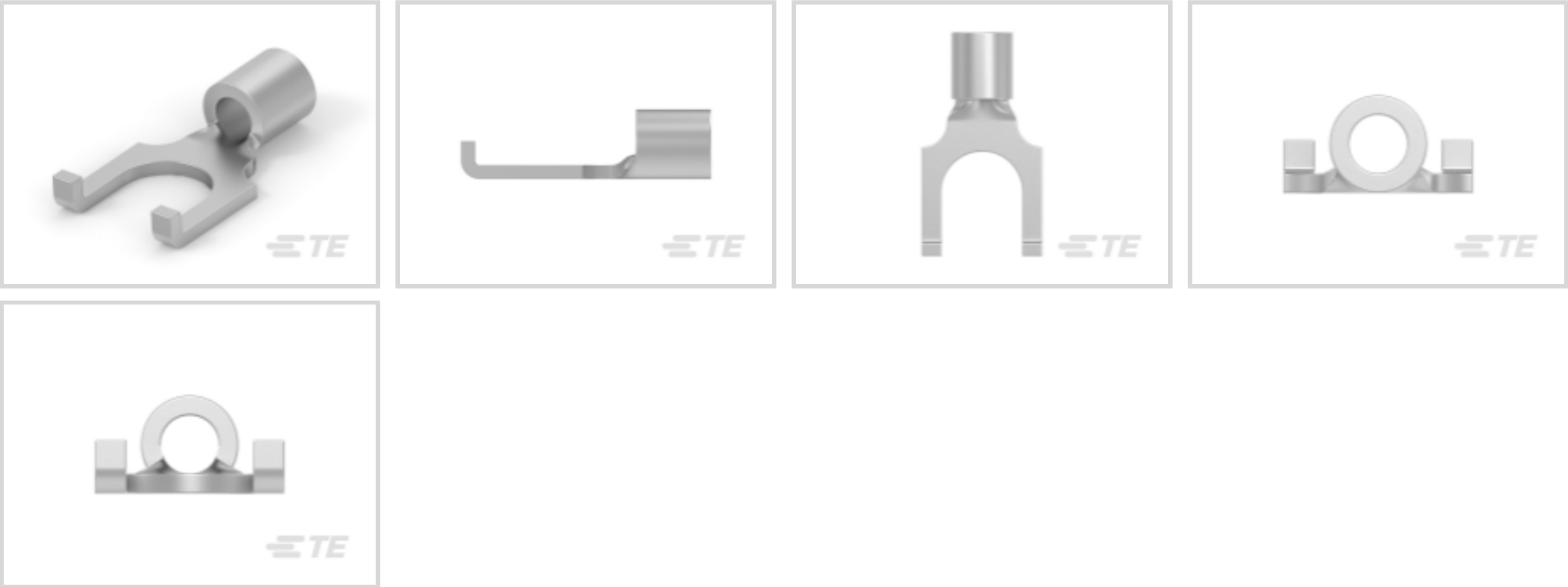




Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spade Tongue Terminal**

Wire Size: **2050 – 5180 CMA**

Stud Size: **#10**

Features

Product Type Features

|                                        |                        |
|----------------------------------------|------------------------|
| Stud Size                              | #10                    |
| Sealable                               | No                     |
| Wire Insulation Support Retention Type | Non-Insulation Support |

Body Features

|                |        |
|----------------|--------|
| Product Weight | .738 g |
|----------------|--------|

Contact Features

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

Mechanical Attachment

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

Dimensions

|                  |                  |
|------------------|------------------|
| Wire Size        | 2050 – 5180 CMA  |
| Stud Diameter    | 4.82 mm [.19 in] |
| Tongue Thickness | .84 mm [.033 in] |



|                        |                   |
|------------------------|-------------------|
| Product Length         | 13.06 mm[.514 in] |
| Barrel Inside Diameter | 2.16 mm[.085 in]  |

Usage Conditions

|                             |                |
|-----------------------------|----------------|
| Insulation Option           | Uninsulated    |
| Operating Temperature Range | 170 °C[338 °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 | 100         |
| 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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                             |
| 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 # 320857  
TERMINAL,SOLIS SPD FLG 16-14

TE Part # 2-320857-1  
TERMINAL,SOLIS SPD FLG 16-14

TE Part # 53177-1  
SOLIS SP SPD 16-14 5

Customers Also Bought

TE Part #89BSD-006BA-A  
6 BARA 316L DIGITAL PRESSURE SENSOR

TE Part #HDP26-24-7SN-C038  
DEUTSCH HDP20 Housings

TE Part #770680-5  
23POS,AMPSEAL,SOC HSG ASSY,SLD, COD 5

TE Part #DTM04-12PB  
DEUTSCH DTM Housings COD 5

TE Part #776495-1  
AS16,CAP ASSY,ST,08P,N SEAL,CODE A

TE Part #1-1969614-8  
18P RCPT VAL-U-LOK V0

TE Part #5-1437624-2  
PKES70B1/4=KNOB FLUTED W/SKIRT

Documents

Product Drawings  
SOLIS SPD FLG 16-14, 10

English

CAD Files  
3D PDF

3D

Customer View Model  
ENG\_CVM\_CVM\_8-320857-1\_K.2d\_dxf.zip

English

Customer View Model  
ENG\_CVM\_CVM\_8-320857-1\_K.3d\_igs.zip

8-320857-1

Spade Tongue Terminal, 16 – 14 AWG, #10 Stud Size, 4.82 mm [.19 in] Stud Diameter, Closed Barrel, Flanged, Tin, Uninsulated



English

Customer View Model

[ENG\\_CVM\\_CVM\\_8-320857-1\\_K.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[SOLISTRAND - QRG](#)

English