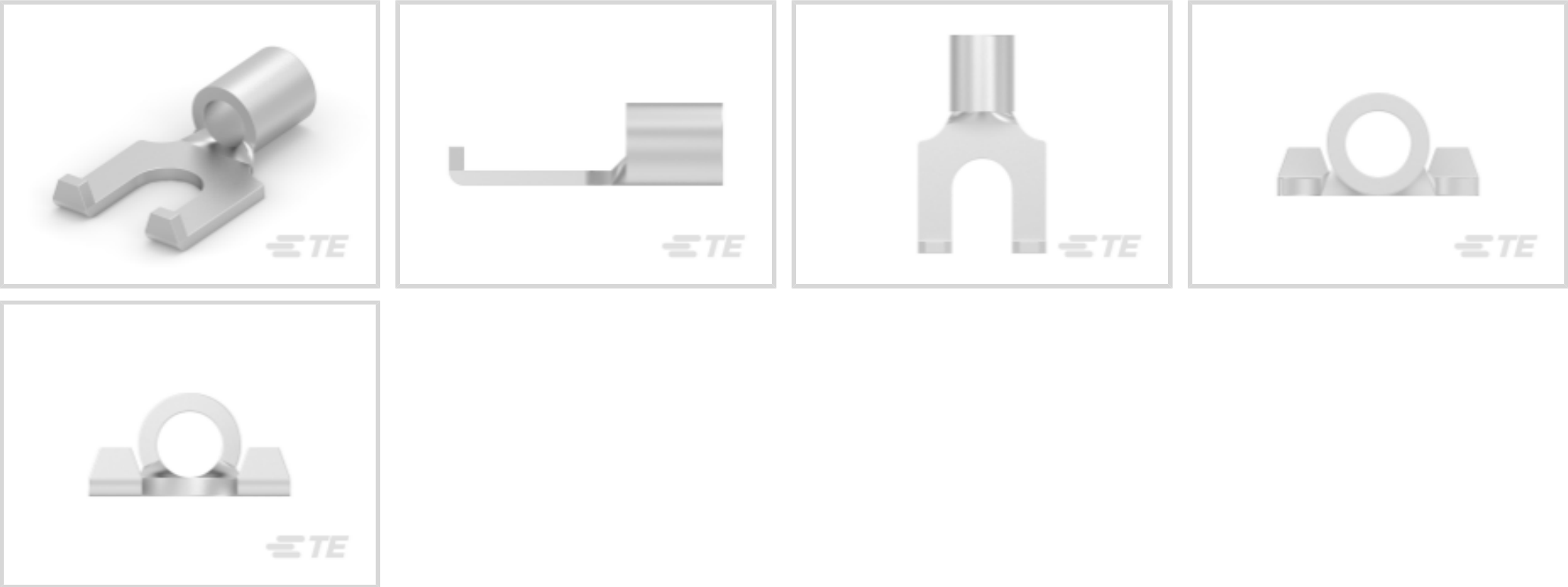




Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spade Tongue Terminal**

Wire Size: **5180 – 13100 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 | 1.87 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        | 5180 – 13100 CMA |
| Stud Diameter    | 5 mm [.197 in]   |
| Tongue Thickness | .79 mm [.031 in] |



|                        |                   |
|------------------------|-------------------|
| Product Length         | 17.63 mm[.694 in] |
| Barrel Inside Diameter | 3.28 mm[.129 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 | 500         |
| 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 # 58545-1  
SOLISTRAND 10-22 DIE ASSY



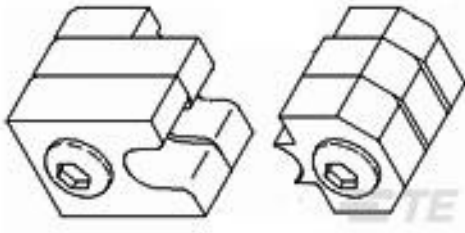
TE Part # 49935  
DAHT SOLIS 22-10 ASSY



TE Part # 525693  
DAHT SOLIS 22-10 ASSY



TE Part # 58545-3  
SDE DIE ASSY. 22-10 SOLISTRAND



TE Part # 47814  
DIES SOLIS 12-10 DIE SET



TE Part # 169400  
CERTI-LOK FRAME W/O DIES

Customers Also Bought



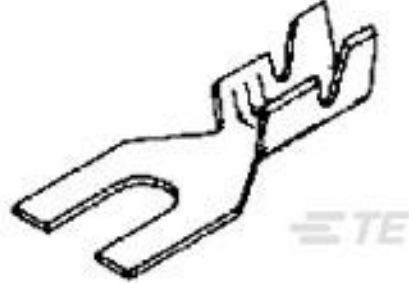
TE Part #6609037-9  
20EP1=F7773 S0



TE Part #1-206062-6  
CABLE CLAMP KIT #11



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



TE Part #60774-2  
SPADE TERMINAL 18-14 AWG TPBR



TE Part #63445-1  
250 FASTON FLAG REC 18-12 AWG BR



TE Part #35771  
TERMINAL,SOLIS R 12-10 10



TE Part #52453  
PG SPR SPD 22-16COMM22-18MIL 6



TE Part #7-1393118-0  
KUP-5D55-12=KU





TE Part #6465212003  
DWP-125-1/2-0-STK



TE Part #HDP26-24-18SE  
PLG, 18P, BLK, E, 8/12/16, S

Documents

Product Drawings

TERMINAL,SOLIS SPD FLG 12-10

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_323144\_J.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_323144\_J.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_323144\_J.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_323144\_D.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_323144\_D.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_323144\_D.2d\_dxf.zip

English

3D PDF

English

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Agency Approvals

UL Report

English

UL Report

English

323144

Spade Tongue Terminal, 12 – 10 AWG, #10 Stud Size, 5 mm [.197 in] Stud Diameter,  
Closed Barrel, Flanged, Tin, Uninsulated

