

SOLISTRAND

TE Internal #: 8-320855-1

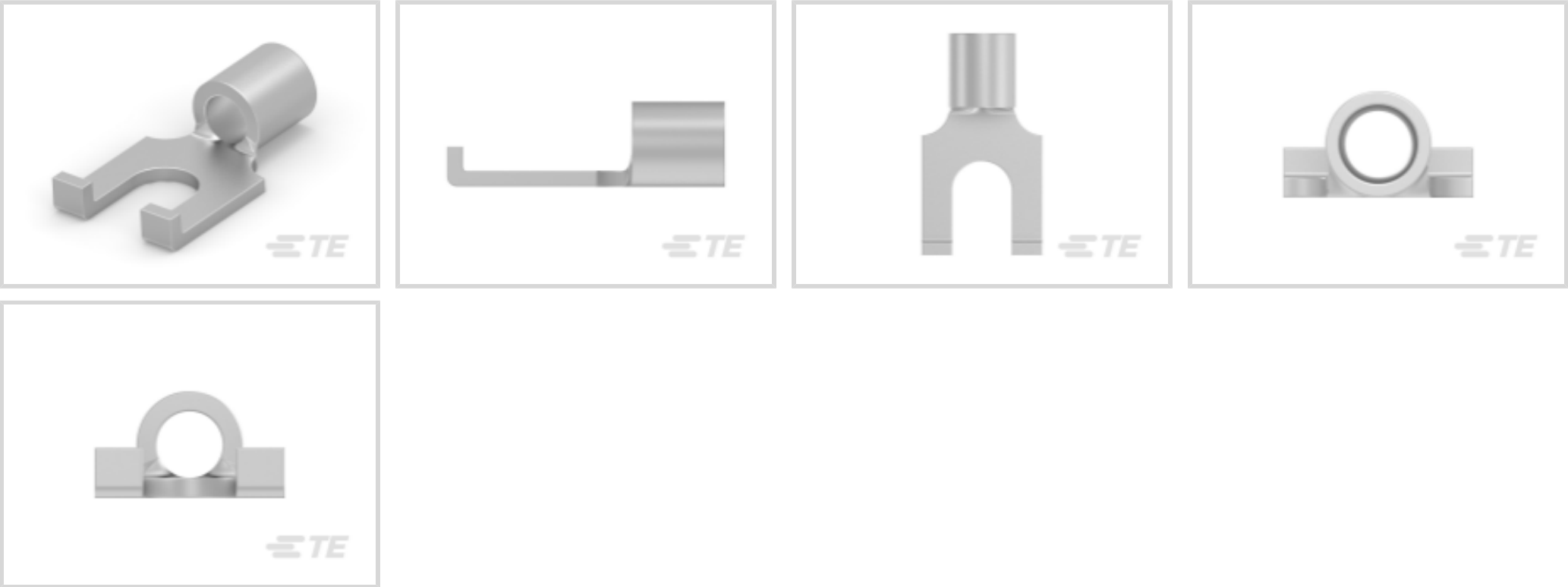
Spade Tongue Terminal, 16 – 14 AWG, #6 Stud, 3.68 mm [.145 in]

Stud Diameter, Closed Barrel, Flanged, Tin Plating, Uninsulated

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Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spade Tongue Terminal**

Wire Size: **2050 – 5180 CMA**

Stud Size: **#6**

Features

Product Type Features

| | |
|--|------------------------|
| Stud Size | #6 |
| Sealable | No |
| Wire Insulation Support Retention Type | Non-Insulation Support |

Body Features

| | |
|----------------|--------|
| Product Weight | .821 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 | 3.68 mm[.145 in] |
| Tongue Thickness | .84 mm[.033 in] |



| | |
|------------------------|-------------------|
| Product Length | 13.06 mm[.513 in] |
| Barrel Inside Diameter | 2.16 mm[.085 in] |

Usage Conditions

| | |
|-------------------|-------------|
| Insulation Option | Uninsulated |
|-------------------|-------------|

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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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 # 58546-1
PC 22-10 SOLISSPICE SPL I SHT

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

TE Part # 58545-1
SOLISTRAND 10-22 DIE ASSY

TE Part # 49935
DAHT SOLIS 22-10 ASSY

Customers Also Bought

TE Part #211773-1
23-19 CPC RECEPT REV SEX

TE Part #8-34123-1
TERM,SOLIS R 16-14 10

TE Part #81665-5
ECONOSEAL, FLANGE GASKET

TE Part #207446-3
SEALING CAP ASSY,SZ 23,CPC

TE Part #1-66103-9
III+ PIN,24-20,TIN,SMPACK

TE Part #91505-1
CCII TYPE III+ 24-16 ASSY

TE Part #207467-1
CABLE CLAMP KIT,SZ 1

TE Part #54012-1
CPC STRAIN RELIEF,SIZE 23

TE Part #2267473-3
SIZE 23 PERIPHERAL SEAL, CPC

TE Part #2267473-1
SIZE 11 PERIPHERAL SEAL, CPC

Documents

Product Drawings
TERMINAL,SOLIS SPD FLG 16-14 6
English



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-320855-1_L.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-320855-1_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-320855-1_L.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

Instruction Sheets

Instruction Sheet (U.S.)

English