# 130499 ✔ ACTIVE

SOLISTRAND

TE Internal #: 130499

Spade Tongue Terminal, 12 – 10 AWG, M4.5 Stud, 4.7 mm [.185 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Uninsulated

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Terminals & Splices > Spade Terminals







Spade Terminal Type: **Spade Tongue Terminal**

Wire Size: **5180 – 13100 CMA**

Stud Size: **M4.5**

## Features

### Product Type Features

| | |
|---|---|
| Stud Size | M4.5 |
| Sealable | No |
| Wire Insulation Support Retention Type | Non-Insulation Support |

### 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 | 5180 – 13100 CMA |
| Stud Diameter | 4.7 mm[.185 in] |
| Tongue Thickness | .79 mm[.031 in] |
| Product Length | 22.86 mm[.9 in] |
| Barrel Inside Diameter | 3.28 mm[.129 in] |

## Usage Conditions

| | |
|---|---|
| Insulation Option | Uninsulated |
| Operating Temperature Range | 0 – 170 °C[0 – 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 | 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: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 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 # 525693
DAHT SOLIS 22-10 ASSY

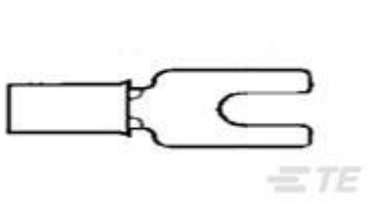
## Customers Also Bought



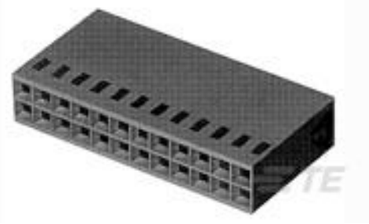
TE Part #33461
TERMINAL,SOLIS R 8 1/4



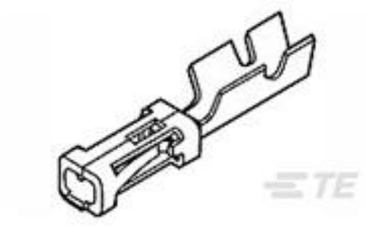
TE Part #33466
TERMINAL,SOLIS R 6 5/16



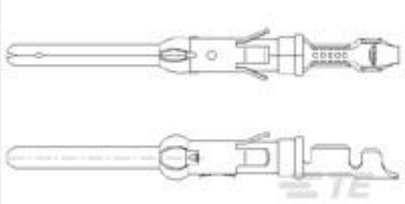
TE Part #34518
BUDG SPD 22-16COMM 22-18 MIL 6



TE Part #1-87456-6
20 MODIV HSG DR MRKD .100CL



TE Part #2-87523-3
MOD IV RECP PLTD 15 DPLX



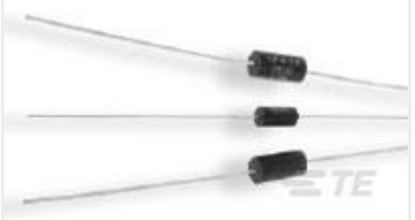
TE Part #163082-1
PIN, MALE



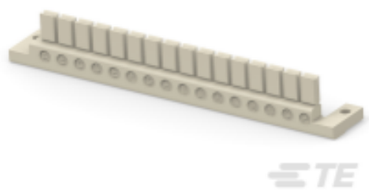
TE Part #2-330854-6
MAXI T.P. CLIP




TE Part #1-1478762-5
METAL BACKSHELL 15 WAY TOP E



TE Part #1624323-3
UPW50 0.1% 5PPM 10K



TE Part #083504-E
CODEZT STVCF COLS * 172
CODIERUNG 1 0835

## Documents

### Product Drawings

SOLIS SPADE 12-10 M4.5

English

### CAD Files

3D PDF

3D

### Customer View Model

ENG_CVM_CVM_130499_E.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_130499_E.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_130499_E.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

## Instruction Sheets

### Instruction Sheet (U.S.)

English

## Agency Approvals

### UL Report

English