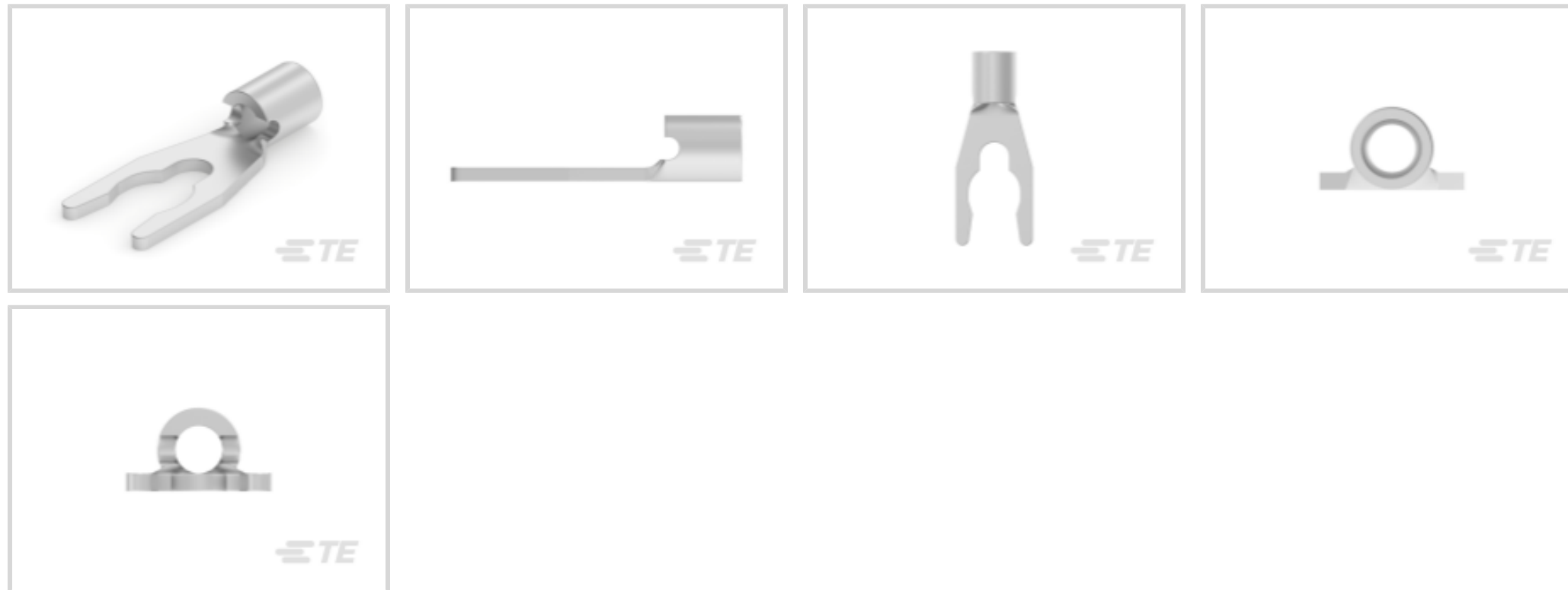# 53831-2  ✓ ACTIVE

## SOLISTRAND

TE Internal #: 53831-2

Spring Spade Terminal, 22 AWG, M4 / #8 Stud Size, 4.17 mm [.164 in] Stud Diameter, Closed Barrel, Straight, Tin, Uninsulated

View on TE.com >

Spade Terminal Type:  **Spring Spade Terminal**

Wire Size:  **509 – 3260 CMA**

Stud Size:  **#8, M4**

## Features

### Product Type Features

| | |
|---|---|
| Stud Size | #8, M4 |
| Sealable | No |
| Wire Insulation Support Retention Type | Non-Insulation Support |

### Contact Features

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

### Mechanical Attachment

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

### Dimensions

| | |
|---|---|
| Wire Size | 509 – 3260 CMA |
| Stud Diameter | 4.17 mm[.164 in] |
| Tongue Thickness | .79 mm[.031 in] |
| Product Length | 16.18 mm[.637 in] |
| Barrel Inside Diameter | 3.58 mm[.141 in] |

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## 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 | 5000 |
| Packaging Method | Tape Mounted |

## 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

# 53831-2

Spring Spade Terminal, 22 AWG, M4 / #8 Stud Size, 4.17 mm [.164 in] Stud Diameter,
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## Compatible Parts

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

TE Part # 58546-1
PC 22-10 SOLISSPICE SPL I SHT

TE Part # 49935
DAHT SOLIS 22-10 ASSY

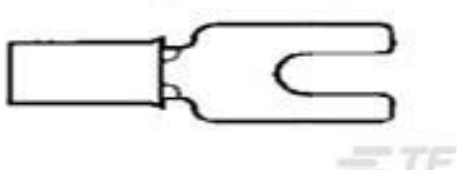TE Part # 58545-3
SDE DIE ASSY. 22-10 SOLISTRAND

TE Part # 47812
DIES SOLIS 22-16 DIE SET

## Customers Also Bought

TE Part #3-641215-2
02P MTA100 HDR ASSY FL/ST 30AU

TE Part #40763
SPADE 138(3.50MM)TERMINAL 20-16
AWG TPBR

TE Part #3-641217-3
03P MTA156 CONN ASSY 18AWG
ORA

TE Part #2098164-3
Cover, 60 Pos, No Top Side Fuse
Graphic

TE Part #3-644043-2
02P MTA100 CONN ASSY LF

TE Part #1241414-1
AMP MCP 6.3/4.8K, CONTACT, SWS

TE Part #NB18844001
RNF-100-1/16-RD-SP

TE Part #62139-1
187 FASTON REC 20-16 AWG TPBR

TE Part #F60401-000
B-155-06-35-22-5

**53831-2**

Spring Spade Terminal, 22 AWG, M4 / #8 Stud Size, 4.17 mm [.164 in] Stud Diameter, Closed Barrel, Straight, Tin, Uninsulated

## Documents

### Product Drawings

SOLIS SP SPD 22-16COM22-18MIL8

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_53831-2_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_53831-2_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_53831-2_D.3d_stp.zip

English

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

### Datasheets & Catalog Pages

Digital Data Sheet

English

### Product Environmental Compliance

Product Compliance

English

Product Compliance

English