

53831-1 ✓ ACTIVE

SOLISTRAND

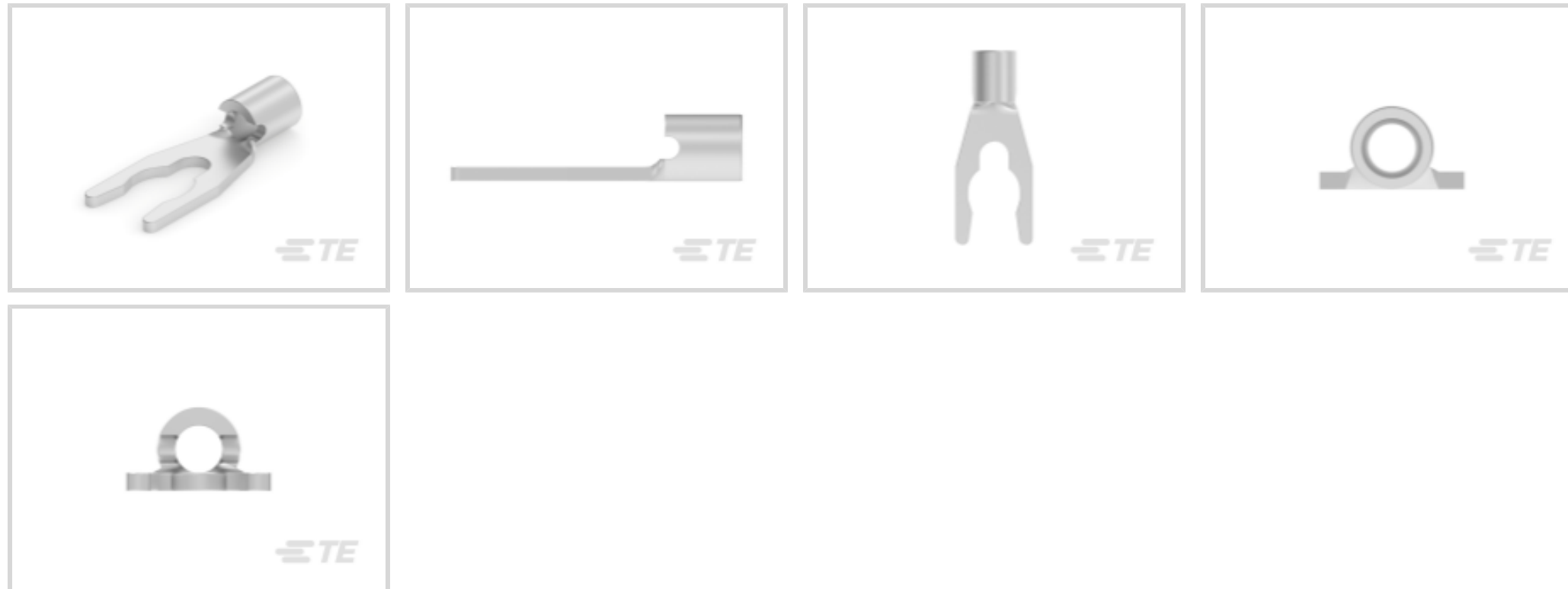
TE Internal #: 53831-1

Ring Terminals & Spade Terminals, Spring Spade, 22 AWG Wire Size, .3 – 1.42 mm<sup>2</sup> Wire Size, 509 – 3260 CMA Wire Size, Stud Size #8 / M4

[View on TE.com >](#)



Terminals & Splices > Ring Terminals & Spade Terminals



Ring & Spade Terminal Type: **Spring Spade**

Wire Size: **509 – 3260 CMA**

Stud Size: **#8, M4**

**Features**

**Product Type Features**

Shape Description	SPADE-030
Stud Size	#8, M4
Sealable	No
Wire Insulation Support Retention Type	Non-Insulation Support

**Configuration Features**

Terminal Angle	180 °
----------------	-------

**Contact Features**

Ring & Spade Terminal Type	Spring Spade
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]
------------------	-----------------

Overall Product Length	16.18 mm[.637 in]
------------------------	-------------------

Barrel Inside Diameter	1.55 mm[.061 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
---------------------------------------	-----

Heavy Duty	No
------------	----

### Industry Standards

Government Qualified	No
----------------------	----

### Packaging Features

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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



## Documents

### Product Drawings

[SOLIS SP SPD 22-16COM22-18MIL8](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_53831-1\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_53831-1\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_53831-1\\_D.3d\\_stp.zip](#)

English

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

### Product Environmental Compliance

[TE Material Declaration](#)



English

---

[Agency Approvals](#)

[UL Report](#)

English