

53120-1 ✓ ACTIVE

SOLISTRAND

TE Internal #: 53120-1

Ring Terminals & Spade Terminals, Spring Spade, 22 – 16 AWG

Wire Size, .3 – 1.42 mm<sup>2</sup> Wire Size, 509 – 3260 CMA Wire Size, Stud

Size #6 / M3.5

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Terminals & Splices > Ring Terminals & Spade Terminals



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

Wire Size: **509 – 3260 CMA**

Stud Size: **#6, M3.5**

### Features

#### Product Type Features

Shape Description	SPADE-030
Stud Size	#6, M3.5
Sealable	No
Wire Insulation Support Retention Type	Non-Insulation Support

#### Configuration Features

Terminal Angle	180 °
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#### Body Features

Inspection Slot	No
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#### Contact Features

Ring & Spade Terminal Type	Spring Spade
Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

#### Mechanical Attachment

Wire Insulation Support	Without
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### Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	3.51 mm[.138 in]
Tongue Thickness	.84 mm[.033 in]
Overall Product Length	14.63 mm[.576 in]
Barrel Inside Diameter	3.58 mm[.141 in]

### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	105 °C[221 °F]

### Operation/Application

Compatible With Wire Base Material	Copper
Compatible With Wire Plating Material	Tin
Heavy Duty	No

### Industry Standards

Government Qualified	No
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### Packaging Features

Packaging Quantity	1000
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 22-16COM22-18MIL6

English

### CAD Files

Customer View Model

ENG\_CVM\_53120-1\_C.3d\_igs.zip



English

Customer View Model

[ENG\\_CVM\\_53120-1\\_C.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_53120-1\\_C.2d\\_dxf.zip](#)

English

[3D PDF](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_53120-1\\_E.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_53120-1\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_53120-1\\_E.3d\\_stp.zip](#)

English

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### Product Environmental Compliance

[MD\\_53120-1\\_021920182249\\_dmtec](#)

English

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English

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### Agency Approvals

[UL Report](#)

English