

53120-1 ✓ ACTIVE

SOLISTRAND

TE Internal #: 53120-1

Spring Spade Terminal, 22 - 16 AWG, #6 / M3.5 Stud Size, 3.51 mm [.138 in] Stud Diameter, Closed Barrel, Straight, Tin, Uninsulated

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Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spring Spade Terminal**

Wire Size: **509 - 3260 CMA**

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

### Features

#### Product Type Features

Stud Size	#6, M3.5
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
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#### Dimensions

Wire Size	509 - 3260 CMA
Stud Diameter	3.51 mm [.138 in]
Tongue Thickness	.84 mm [.033 in]
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

### Industry Standards

Government Qualified Terminal	No
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### Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece

### Product Compliance

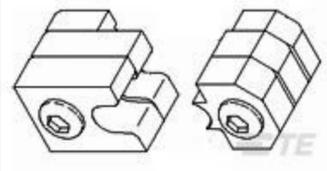
[For compliance documentation, visit the product page on TE.com>](#)

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

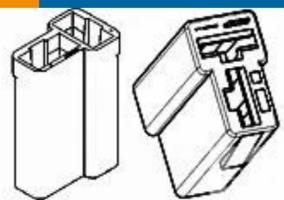
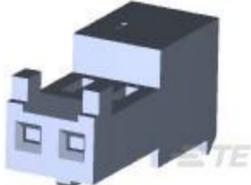
#### Product Compliance Disclaimer

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

 <p>TE Part # 58545-1 SOLISTRAND 10-22 DIE ASSY</p>	 <p>TE Part # 49935 DAHT SOLIS 22-10 ASSY</p>	 <p>TE Part # 58546-1 PC 22-10 SOLISSPICE SPL I SHT</p>	 <p>TE Part # 58545-3 SDE DIE ASSY. 22-10 SOLISTRAND</p>
 <p>TE Part # 2276258-1 Mini Applicator-LP</p>	 <p>TE Part # 47812 DIES SOLIS 22-16 DIE SET</p>	 <p>TE Part # 7-2276258-7 SPECIAL SPARE KIT MINI LP</p>	 <p>TE Part # 169400 CERTI-LOK FRAME W/O DIES</p>

## Customers Also Bought

 <p>TE Part # 1658678-1 KIT,HDP-22,ENCLSUR,PLUG,SIZE 1</p>	 <p>TE Part # 5749195-2 68 50SR KIT,ST,UK</p>	 <p>TE Part # 34137 SPLICE,SOLIS PARA BRZD 16-14</p>	 <p>TE Part # 180907-5 FF 250 REC HSG 2P NYLON BLACK</p>
 <p>TE Part # 485030-1 RING 18-14 AWG TPBR</p>	 <p>TE Part # 3-644043-2 02P MTA100 CONN ASSY LF</p>	 <p>TE Part # 5050032012 RNF-100-1/4-8-STK</p>	 <p>TE Part # 505872P034 VERSAFIT-3/16-0-0.9375IN</p>

## 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](#)

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**Customer View Model**

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

English

**3D PDF**

English

**3D PDF**

3D

**Customer View Model**

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**Agency Approvals**

**UL Report**

English