53120-1 ✔ ACTIVE

SOLISTRAND

TE Internal #: 53120-1

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

Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	3.51 mm[.138 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	14.63 mm[.576 in]

Barrel Inside Diameter	3.58 mm[.141 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	0 – 105 °C[0 – 221 °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	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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

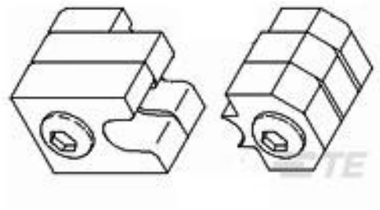
Compatible Parts



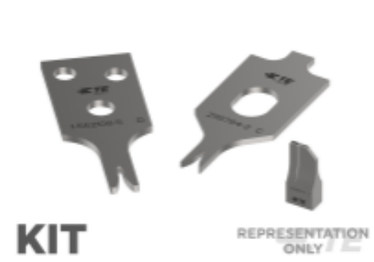
TE Part # 2276258-1
Mini Applicator-LP



TE Part # 49935
DAHT SOLIS 22-10 ASSY



TE Part # 47812
DIES SOLIS 22-16 DIE SET



TE Part # 7-2276258-7
SPECIAL SPARE KIT MINI LP



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



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



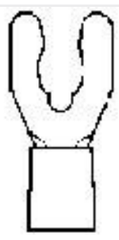
TE Part # 169400
CERTI-LOK FRAME W/O DIES



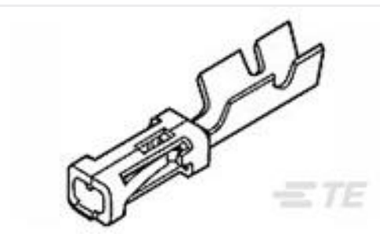
TE Part # 58546-1
PC 22-10 SOLISSPICE SPL I SHT

Customers Also Bought

TE Part #RSM00-19-33P
RECP ASSY



TE Part #53832-2
SOLIS SP SPD22-16COM22-18MIL10



TE Part #6-87756-7
MOD IV REC STP INT'L SPEC REEL



TE Part #200389-2
GUIDE PIN KIT



TE Part #200390-9
SERIES "M" GUIDE SOCKET



TE Part #201922-1
SERIES M LOCKING SPRING CATCH



TE Part #1-456401-7
CRIMPER, WIRE .042 "F"



TE Part #3-640620-2
02P MTA100 CONN ASSY F/T RED



TE Part #1-794607-2
MICRO MNL RPT CNT STRP 30AU LF



TE Part #1424909-8
CRIMPER, INSULATION "F" .055

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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Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English