53127-1 ✓ ACTIVE

SOLISTRAND

TE Internal #: 53127-1

Spring Spade Terminal, 12 – 10 AWG, #8 / M4 Stud, 4.17 mm [.164 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Uninsulated

View on TE.com >

Terminals & Splices > Spade Terminals

Spade Terminal Type: **Spring Spade Terminal**

Wire Size: **5180 – 13100 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	5180 – 13100 CMA
Stud Diameter	4.17 mm[.164 in]
Tongue Thickness	.99 mm[.039 in]
Product Length	18.52 mm[.729 in]
Barrel Inside Diameter	3.28 mm[.129 in]

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Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	0 – 170 °C[0 – 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	500
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

53127-1

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Compatible Parts
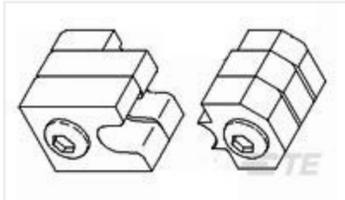
TE Part # 47814
DIES SOLIS 12-10 DIE SET

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

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

TE Part # 49935
DAHT SOLIS 22-10 ASSY

Customers Also Bought

TE Part #394847-E
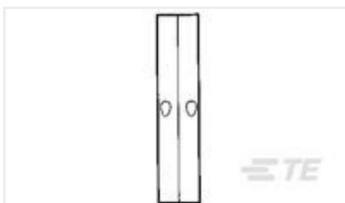M12 METAL SHELL, FEMALE, VERT, 13MM, C6A

TE Part #CAT-D485-CH8172
DEUTSCH DTM Housings

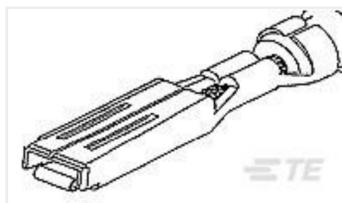TE Part #WM-4P
WEDGE LOCK, 4P, REC, ORG, DTM

TE Part #NB10802001
ATUM-32/8-0-STK

TE Part #32151
SPLICE,SOLIS BUTT 12-10

TE Part #52936
TERMINAL,PIDG SPR SPD 16-14 8

TE Part #282403-1
MINI MIC SRS REC CONT

TE Part #324918
TERMINAL,PIDG R 12-10 10

TE Part #1-1423155-5
GPFN=RLY,GEN,PURP,250VDC

Documents

Product Drawings

TERMINAL,SOLIS SPR SPD 12-10 8

English

CAD Files

3D PDF

English

53127-1

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Customer View Model

ENG_CVM_53127-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_53127-1_C.3d_stp.zip

English

Customer View Model

ENG_CVM_53127-1_C.2d_dxf.zip

English

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

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English