

8-53120-1 ✓ ACTIVE

SOLISTRAND

TE Internal #: 8-53120-1

Rings & Spades, Spring Spade, 22 – 16AWG Wire Size, .3 – 1.42
mm² Wire Size, 509 – 3260CMA Wire Size, #6 / M3.5, Stud Diameter
3.51 mm [.138 in]

[View on TE.com >](#)



Terminals & Splices > Rings & Spades



Terminal & Splice Type: **Spring Spade**

Wire Size: **509 – 3260 CMA**

Ring & Spade Stud Size: **#6, M3.5**

Features

Product Type Features

Shape Description	SPADE-030
Ring & Spade Stud Size	#6, M3.5
Ring & Spade Barrel Type	Closed Barrel
Sealable	No
Insulated	No
Ring & Spade Wire/Cable Type	Regular Wire
Support Style	Non - Insulation Support

Configuration Features

Terminal Angle	Straight
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Body Features

Inspection Slot	No
Ring & Spade Plating Material	Phosphor Bronze, Tin

Contact Features

Terminal & Splice Type	Spring Spade
Ring & Spade Terminal Orientation	Straight

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

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

Insulation Requirement	Uninsulated
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Operating Temperature Range	170 °C[338 °F]
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Operation/Application

Heavy Duty	No
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Industry Standards

Government Qualified	No
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Packaging Features

Packaging Quantity	100
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Ring & Spade Packaging Method	Loose Piece
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2020 (205) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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



REPRESENTATION ONLY

TE Part # 49935
DAHT SOLIS 22-10 ASSY



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



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



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

Customers Also Bought



TE Part #1630019-5
Power Resistors: Aluminum Housed, HSA



TE Part #322374-1
DIAMOND GRIP 16-14 HR AU R 8



TE Part #1838275-2
M12 Fld Ser CONN. Male Pin Sld



TE Part #3-647271-1
06P MTA156 HDR ASSY WO 3&4LF



TE Part #3-1393789-9
AXICOM P2 STANDARD



TE Part #YD369-MR66-NS00000
369 6 WAY SHIELDED REC, NO CONTACTS,SKT



TE Part #1838891-2
M12 Mtl FEMALE PNL CONN. Sldr Rear (Hex)



TE Part #2-1423165-0
7024ADT=RLY,STD,OFF,4P,120VAC, 50SEC,OPT



TE Part #1423155-1
GPB=RELAY 24 VDC



TE Part #3-1423393-2
TR1413E=RLY,TMG,ON,120VAC, 120SEC

Documents

Product Drawings

SOLIS SP SPD 22-16COM22-18MIL6



English

CAD Files

Customer View Model

[ENG_CVM_8-53120-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_8-53120-1_C.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_8-53120-1_C.2d_dxf.zip](#)

English

3D PDF

English

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