

53831-2 ✓ ACTIVE

SOLISTRAND

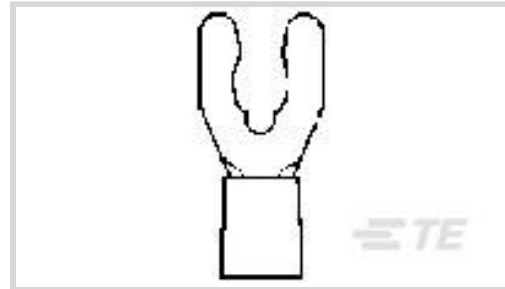
TE Internal #: 53831-2

Rings & Spades, Spring Spade, 22AWG Wire Size, .3 – 1.42mm²
Wire Size, 509 – 3260CMA Wire Size, M4 / #8, Stud Diameter 4.17
mm [.164 in]

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Terminals & Splices > Rings & Spades



Terminal & Splice Type: **Spring Spade**

Wire Size: **509 – 3260 CMA**

Ring & Spade Stud Size: **#8, M4**

Features

Product Type Features

Shape Description	SPADE-030
Ring & Spade Stud Size	#8, M4
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

Ring & Spade Plating Material	Phosphor Bronze, Tin
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Contact Features

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

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	4.17 mm [.164 in]



Tongue Thickness	.79 mm[.031 in]
Ring & Spade Overall Length	16.18 mm[.637 in]
Barrel Inside Diameter	3.58 mm[.141 in]

Usage Conditions

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

Operation/Application

Heavy Duty	No
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Industry Standards

Government Qualified	No
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Packaging Features

Packaging Quantity	5000
Ring & Spade Packaging Method	Tape Mounted

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 2021 (211) Candidate List Declared Against: JAN 2019 (197) SVHC > Threshold: Not Yet Reviewed
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 Regulations, TE's information on SVHC in

articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



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

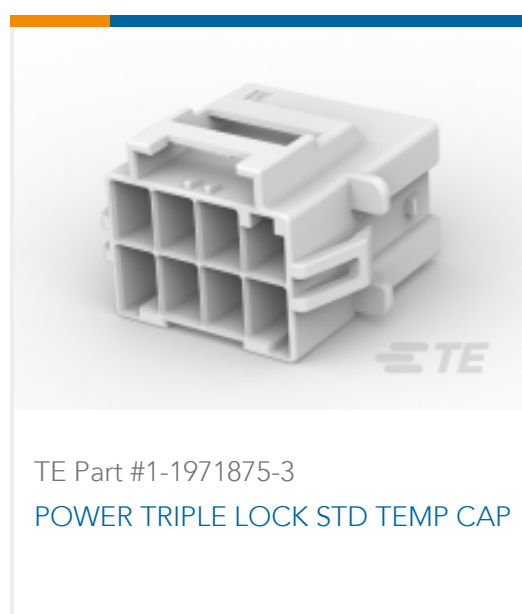


TE Part # 58545-1
SOLISTRAND 10-22 DIE ASSY



TE Part # 47812
DIES SOLIS 22-16 DIE SET

Customers Also Bought



TE Part #1-1971875-3
POWER TRIPLE LOCK STD TEMP CAP



TE Part #1-640250-6
16P SL156 HSG W/LCK RAMP NATL



TE Part #1-1600960-8
CONT 8-10 AWG PWR, STD PLATE &



TE Part #1-794617-0
10POS, MICRO MNL, RCPT HSG



TE Part #1-520987-4
250 FASTON HSG, REC., 4 POS, BLACK



TE Part #D03269-000
B-155-07-35-22-5



TE Part #1-1969614-6
16P RCPT VAL-U-LOK V0



TE Part #1-61795-0
RING 18-14 105-145 #10 025TPBR



Documents

Product Drawings

[SOLIS SP SPD 22-16COM22-18MIL8](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_53831-2_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_53831-2_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_53831-2_D.3d_stp.zip](#)

English

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