

2-31818-1

✓ ACTIVE

**SOLISTRAND**

TE Internal #: 2-31818-1

Butt Splice, 22 – 16 AWG, .3 – 1.42 mm<sup>2</sup> Wire, Serrated, 509 – 3260

CMA, Copper, 16 Serration, Length 14.68 mm [.578 in], Tape

Mounted, Closed Barrel

[View on TE.com >](#)

Terminals &amp; Splices &gt; Splices

Splice Type: **Butt Splice**Wire Size: **.3 – 1.42 mm<sup>2</sup>**Sealable: **No**Splice Features: **Serrated****Features****Packaging Features**

Packaging Quantity 5000

Packaging Method Tape Mounted

**Body Features**

Product Weight .975 g

Splice Features Serrated

**Dimensions**

Outside Diameter 3.58 mm [.141 in]

Wire Size 509 – 3260 CMA

Barrel Inside Diameter 1.55 mm [.061 in]

Terminal Material Thickness .84 mm [.033 in]

Product Length 14.68 mm [.578 in]

**Product Type Features**

Splice Accessory Type Splice

Splice Type Butt Splice

Sealable	No
Compatible With Discrete Wire Type	Solid, Stranded
Wire Insulation Support Retention Type	Non-Insulation Support

#### Configuration Features

Number of Serrations	16
Compatible With Wire & Cable Type	Discrete Wire

#### Contact Features

Contact Base Material	Copper
Barrel Type	Closed

#### Mechanical Attachment

Wire Insulation Support	Without
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#### Usage Conditions

Insulation Option	Uninsulated
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#### Operation/Application

Compatible With Wire Base Material	Copper
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#### Industry Standards

Government Qualified Splice	No
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#### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

#### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

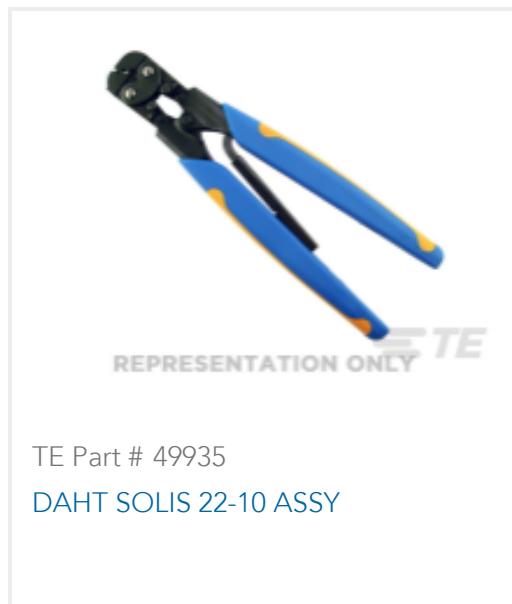
## Solder Process Capability

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



TE Part # 49935  
DAHT SOLIS 22-10 ASSY



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

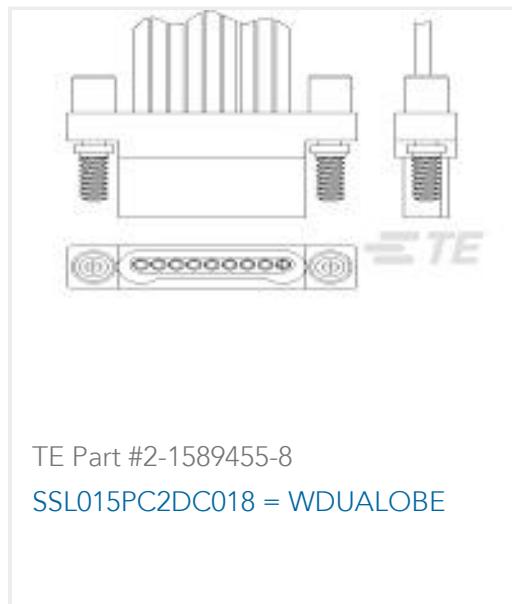


TE Part # 58545-3  
SDE DIE ASSY, 22-10 SOLISTRAND



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

## Customers Also Bought



TE Part #2-1589455-8  
SSL015PC2DC018 = WDUALOBE



TE Part #GA10K3A1IB  
DISCRETE 10K OHMS, +/-0.2C FROM 0C TO 70C



TE Part #34113  
SOLIS R 22-16COMM 22-18MIL 1/4



TE Part #34107  
SOLIS R 22-16 COMM 22-18 MIL 6



TE Part #31818  
SPLICER, SOLIS, BUTT, 22-16 COMM 22-18MIL



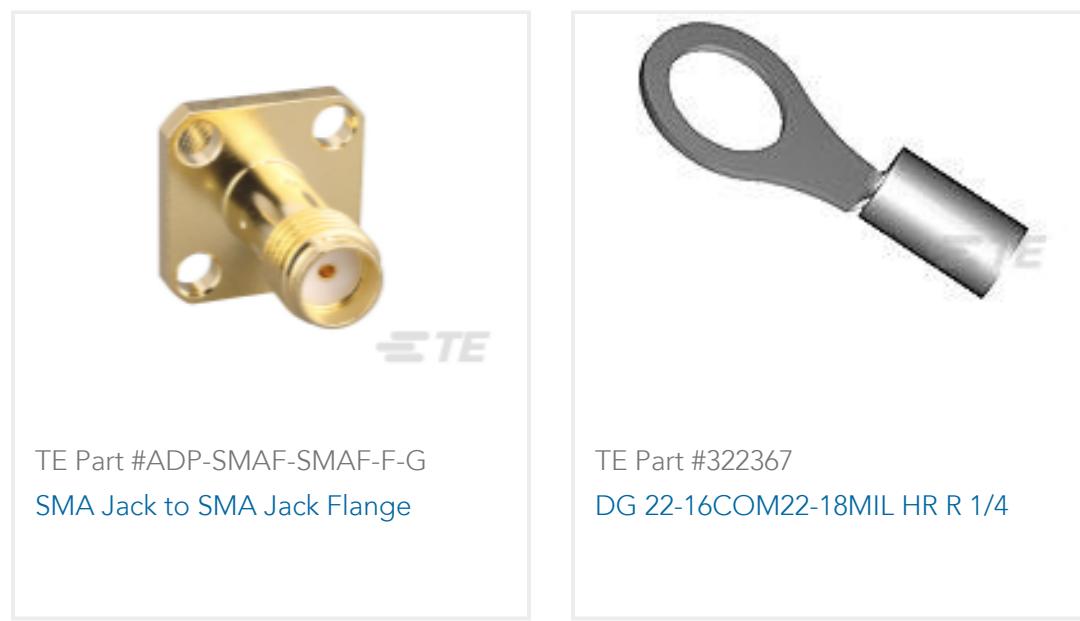
TE Part #31428  
TERMINAL,BUDG R 26-22 4



TE Part #5-1618388-5  
LEV200H5ANA=RELAY, SPST-NO



TE Part #8-192044-1  
LA5(.004)GOLD



## Documents

### Product Drawings

#### SOLIS BUTT 22-16COMM22-18MIL

English

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### CAD Files

#### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-31818-1\\_R.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-31818-1\\_R.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-31818-1\\_R.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

#### SOLISTRAND - QRG

English

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### Instruction Sheets

#### Instruction Sheet (U.S.)

English