31819 ✔ ACTIVE

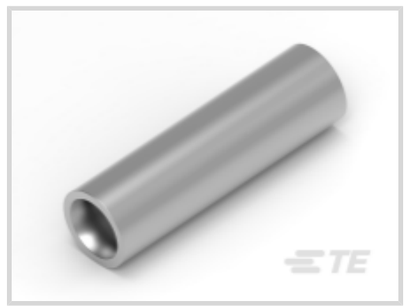
SOLISTRAND

TE Internal #: 31819

Butt Splice, 16 – 14 AWG, 1.25 – 2 mm² Wire, Serrated, 2050 – 5180 CMA, Copper, 16 Serration, 14.4 mm [.567 in] Length, Loose Piece, Closed Barrel

View on TE.com >

Terminals & Splices > Splices





Splice Type: **Butt Splice**

Wire Size: **1.25 – 2 mm²**

Sealable: **No**

Splice Features: **Serrated**

Features

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

Body Features

Product Weight	.991 g
Splice Features	Serrated

Contact Features

	100 µin
Terminal Plating Material	Tin

Contact Base Material	Copper
Barrel Type	Closed

Mechanical Attachment

Wire Insulation Support	Without

Dimensions

Outside Diameter	4.19 mm[.165 in]
Wire Size	2050 – 5180 CMA
Barrel Inside Diameter	2.16 mm[.085 in]
Terminal Material Thickness	.84 mm[.033 in]
Product Length	14.4 mm[.567 in]

Usage Conditions

Insulation Option	Uninsulated

Operation/Application

Compatible With Wire Base Material	Copper

Industry Standards

Government Qualified Splice	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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 58545-4
SOLISTRAND 10-22 DIE ASSY.

TE Part # 49935
DAHT SOLIS 22-10 ASSY

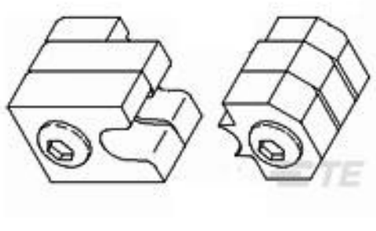
TE Part # 525693
DAHT SOLIS 22-10 ASSY

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

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

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

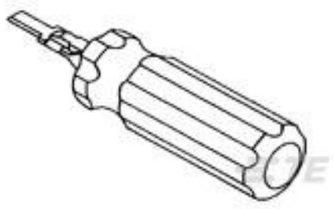
TE Part # 169400
CERTI-LOK FRAME W/O DIES



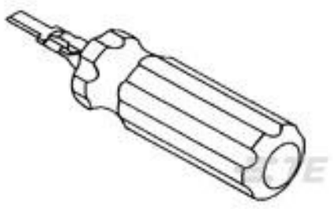
TE Part # 47813
DIES SOLIS 16-14 DIE SET

Customers Also Bought

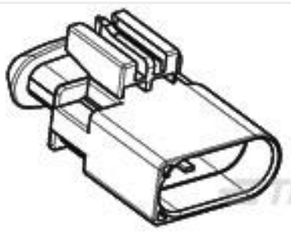
TE Part #NB07336001
HTAT-12/3-0-40MM



TE Part #755430-1
EXT TOOL FOR DOUBLE LOOK



TE Part #715131-1
EXTRACTION TOOL



TE Part #1-699297-1
4 POS TAB HSG ASSY CODE A

TE Part #31899
TERMINAL,PIDG R 16-14 8

TE Part #3-1768000-0
LBC-13043

TE Part #1-1768384-4
LBF-62-61398-00C

TE Part #6-1768387-7
LBF-E088360T

TE Part #8-1768384-2
LBF-62-60773-01B

TE Part #8-1768384-4
LBF-62-03957-01F

Documents

Product Drawings

SPLICE,SOLIS BUTT 16-14

English

CAD Files

Customer View Model

ENG_CVM_CVM_31819_U.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_31819_U.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_31819_U.3d_stp.zip

English

Datasheets & Catalog Pages

SOLISTRAND - QRG

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL

English