321499 ✔ ACTIVE

SOLISTRAND

TE Internal #: 321499

Rectangular Tongue Terminal, 12 – 10 AWG, #6 / M3.5 Stud, 3.68 mm [.145 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Uninsulated

View on TE.com >

Terminals & Splices > Spade Terminals







Spade Terminal Type: **Rectangular Tongue Terminal**

Wire Size: **5180 – 13100 CMA**

Stud Size: **#6, M3.5**

Features

Product Type Features

Stud Size	#6, M3.5
Sealable	No
Wire Insulation Support Retention Type	Non-Insulation Support

Configuration Features

Number of Holes	1

Body Features

Product Weight	1.573 g

Contact Features

Spade Terminal Type	Rectangular Tongue 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	3.68 mm[.145 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	16.03 mm[.63 in]
Barrel Inside Diameter	3.28 mm[.129 in]

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

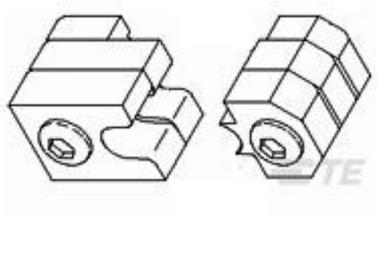
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

Compatible Parts



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



TE Part # 47814
DIES SOLIS 12-10 DIE SET

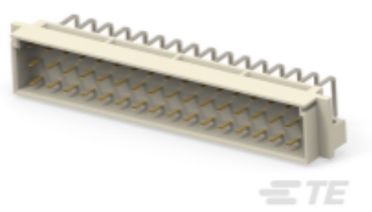


TE Part # 169400
CERTI-LOK FRAME W/O DIES

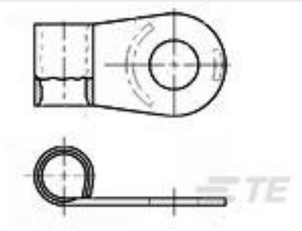


TE Part # 49935
DAHT SOLIS 22-10 ASSY

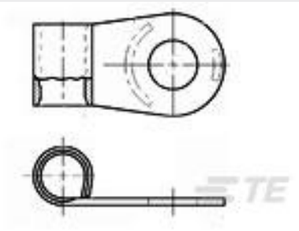
Customers Also Bought



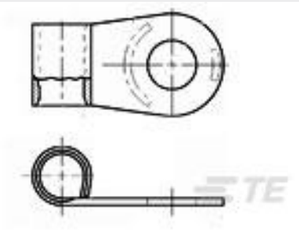
TE Part #354871-E
STVE 48 M ACE GGG 4-00 1006 * * 137 E007



TE Part #36271
TERMINAL,SOLIS FLAG R 12-10 10



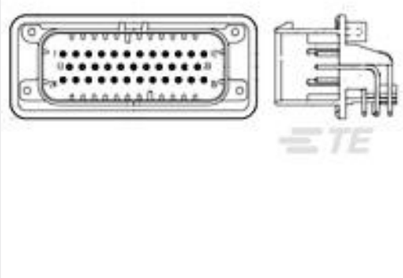
TE Part #321051
TERMINAL,SOLIS FLAG R 8 10



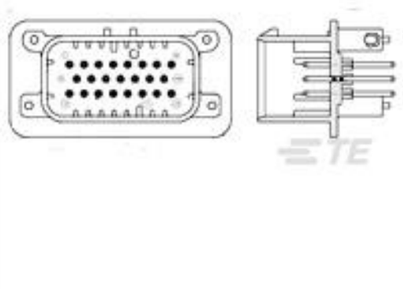
TE Part #321059
TERMINAL,SOLIS FLAG R 4 10



TE Part #770520-6
AMPSEAL,TERMINAL,TIN PLATE,22-24AWG WIRE



TE Part #776163-1
35POS,PIN DIA 1.3,HDR ASSY,90DEG, COD 1



TE Part #1-776262-1
14POS,PIN DIA 1.3,HDR ASSY, 180DEG,COD 1



TE Part #1761028-4
68 50SR R/A RCPT ASSY,LEAD FREE



TE Part #2176087-4
RP 1J 0.166W 73R2 0.1% 25PPM 1K RL



TE Part #6-2176230-2
3522 100K 5% 3W

Documents

Product Drawings

TERMINAL,SOLIS RECT 12-10 6

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_321499_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_321499_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_321499_F.3d_stp.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