33457 ✔ ACTIVE

SOLISTRAND

TE Internal #: 33457

Closed Ring Tongue Terminal, 12 – 10 AWG, #10 Stud, 5 mm [.197 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Uninsulated

View on TE.com >

Terminals & Splices > Ring Terminals





Ring Terminal Product Type: **Closed Ring Tongue Terminal**

Wire Size: **5180 – 13100 CMA**

Stud Size: **#10**

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#10
Sealable	No
Wire Insulation Support Retention Type	Non-Insulation Support

Configuration Features

Number of Holes	1

Contact Features

Military Part Class	Class I
Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

Mechanical Attachment

Wire Insulation Support	Without

Dimensions

Wire Size	5180 – 13100 CMA
Stud Diameter	5 mm[.197 in]

Tongue Thickness	.99 mm[.039 in]
Product Length	19.43 mm[.765 in]
Barrel Inside Diameter	3.28 mm[.129 in]

Usage Conditions

Insulation Option	Uninsulated

Operation/Application

Compatible With Wire Base Material	Copper
Compatible With Wire Plating Material	Tin

Industry Standards

Government Qualified Terminal	Yes

Packaging Features

Packaging Quantity	500
Packaging Method	Loose Piece

Product Compliance

For compliance documentation, visit the product page on TE.com>

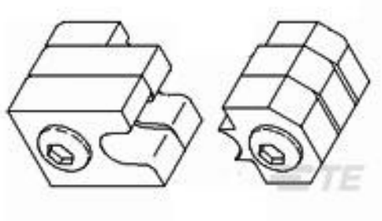
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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 # 47814
DIES SOLIS 12-10 DIE SET

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

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

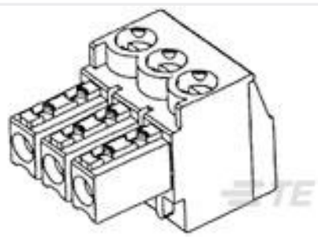
TE Part # 49935
DAHT SOLIS 22-10 ASSY

TE Part # 525693
DAHT SOLIS 22-10 ASSY

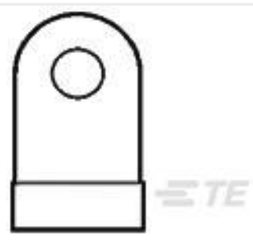
TE Part # 58545-3
SDE DIE ASSY. 22-10 SOLISTRAND

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

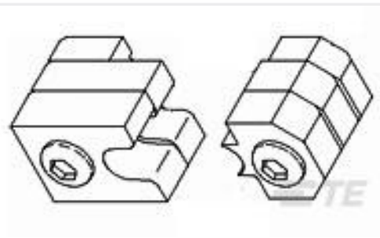
Customers Also Bought



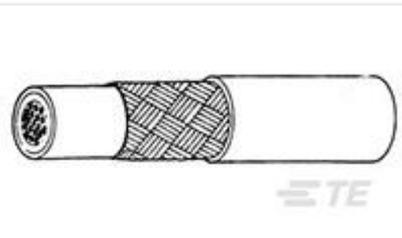
TE Part #1-796693-0
10 POS TERMI-BLOK PLUG STACK



TE Part #322215
TERMINAL,SOLIS FLAG R 1/0 1/4

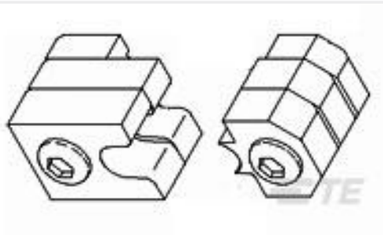


TE Part #47812
DIES SOLIS 22-16 DIE SET



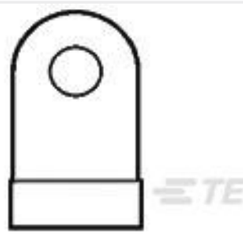
TE Part #F09268-000
55PC6240-22-9-9CS2502

TE Part #322454-1
TERMINAL,SOLIS R 12-10 8 TAPE



TE Part #47814
DIES SOLIS 12-10 DIE SET

TE Part #7-1423159-1
7012PHX=RLY,STD,ON,2P,125VDC,



TE Part #321582
TERMINAL,SOLIS FLAG R 2/0 5/16

TE Part #301201
SPRING

TE Part #6-1768392-9
HPR100A-030008-5-9

Documents

Product Drawings

TERMINAL,SOLIS R 12-10 10

English

CAD Files

Customer View Model

ENG_CVM_CVM_33457_AF.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_33457_AF.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_33457_AF.3d_stp.zip

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL

English