2-31807-3 ✔ ACTIVE

SOLISTRAND

TE Internal #: 2-31807-3

Closed Ring Tongue Terminal, 8 AWG, #10 Stud, 5 mm [.197 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Uninsulated

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Terminals & Splices > Ring Terminals







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

Wire Size: **13100 – 20800 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

Body Features

Product Weight	3.62 g

Contact Features

Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

Mechanical Attachment

Wire Insulation Support	Without

Dimensions

Wire Size	13100 – 20800 CMA
Stud Diameter	5 mm[.197 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	24.1 mm[.949 in]
Barrel Inside Diameter	4.37 mm[.172 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>

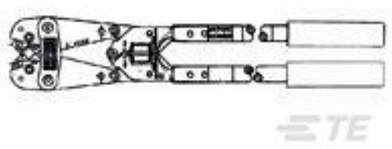
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does 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 # 600850
ROTO-CRIMP TOOL (ASI)



TE Part # 69216
HYP8/10 SOLIS 8AWG DIE SET



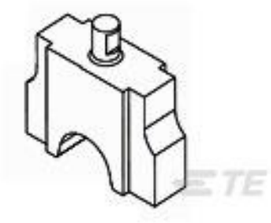
TE Part # 69355
HHHT SOLIS SOLIS FLAG STRATO 8 ASSY



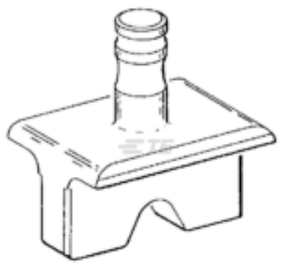
TE Part # 69218
HYP8/10 SOLIS 4AWG DIE SET



TE Part # 48127
HYP8 SOLIS 6-2AWG INDENTER



TE Part # 1901001-1
NEST #8



TE Part # 48126
HYP8 SOLIS 8AWG NEST



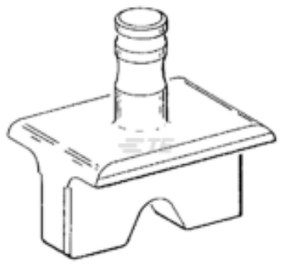
TE Part # 48355
HYP8 SOLIS 8AWG INDENTER



TE Part # 1490414-1
HYP10 SOLIS 8AWG INDENTER



TE Part # 1490413-1
HYP10 SOLIS 8AWG NEST



TE Part # 48129
HYP8 SOLIS 4AWG NEST



TE Part # 601075
BANTAM ROTA-CRIMP TOOL



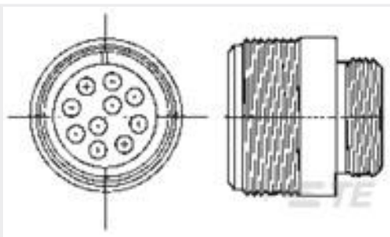
TE Part # 69339
HHHT SOLIS SOLIS FLAG STRATO 8 ASSY

Customers Also Bought

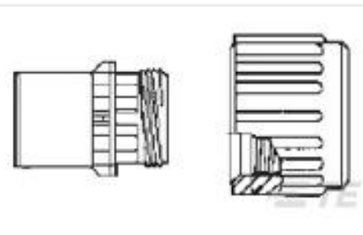
Closed Ring Tongue Terminal, 8 AWG, #10 Stud, 5 mm [.197 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Uninsulated



TE Part #2-36161-4
TERMINAL,PIDG R IR 10 10



TE Part #213668-1
18-10 CPC FREE HG RCPT REV SEX



TE Part #213671-1
CPC 18-10 PLUG KIT W/CPLG RING



TE Part #350199-1
RING TONGUE TERMINAL 18-14 AWG NIPST



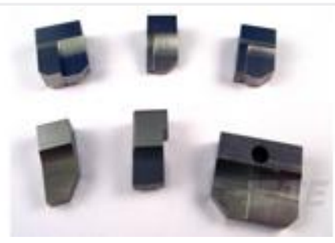
TE Part #350777-1
02P UMNL PLUG HSG



TE Part #456403-2
CRIMPER, WIRE .062 F



TE Part #770429-1
09P .062 COMM P&S RECEPT



TE Part #1333228-2
ANVIL



TE Part #3-1825139-7
A211SYCQ04



TE Part #2321927-5
FRONT TPA RECEPTACLE, 5 POS

Documents

Product Drawings

TERMINAL, SOLIS R 8 10

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-31807-3_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-31807-3_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-31807-3_K.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