

31808 ✓ ACTIVE

SOLISTRAND

TE Internal #: 31808

Closed Ring Tongue Terminal, 8 AWG, 5/16 / M8 Stud Size, 7.92 mm [.312 in] Stud Diameter, Closed Barrel, Straight, Tin, Uninsulated

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Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 13100 – 20800 CMA

Stud Size: M8, 5/16

Features

Configuration Features

Number of Holes	1
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Body Features

Product Weight	4.196 g
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Mechanical Attachment

Wire Insulation Support	Without
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Industry Standards

Government Qualified Terminal	No
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Packaging Features

Packaging Quantity	100
Packaging Method	Loose Piece

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	M8, 5/16
Sealable	No
Wire Insulation Support Retention Type	Non-Insulation Support

Contact Features

Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

Dimensions

Wire Size	13100 – 20800 CMA
Stud Diameter	7.92 mm [.312 in]
Tongue Thickness	1.3 mm [.051 in]
Product Length	27.28 mm [1.074 in]
Barrel Inside Diameter	4.37 mm [.172 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	170 °C [338 °F]

Operation/Application

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 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 # 600850
ROTO-CRIMP TOOL (ASI)

TE Part # 69355
HHHT SOLIS SOLIS FLAG STRATO 8 ASSY

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

TE Part # 49956
PNEUMATIC SOLIS STRATO 8 HEAD

TE Part # 601075
BANTAM ROTA-CRIMP TOOL

TE Part # 1490414-1
HYP10 SOLIS 8AWG INDENTER

TE Part # 1490413-1
HYP10 SOLIS 8AWG NEST

TE Part # 69339
HHHT SOLIS SOLIS FLAG STRATO 8 ASSY

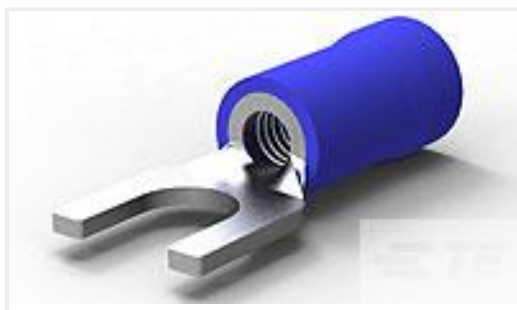
TE Part # 48355
HYP8 SOLIS 8AWG INDENTER

TE Part # 1901001-1
NEST #8

TE Part # 1901002-2
INDENTER, SOLISTRAND

TE Part # 48126
HYP8 SOLIS 8AWG NEST

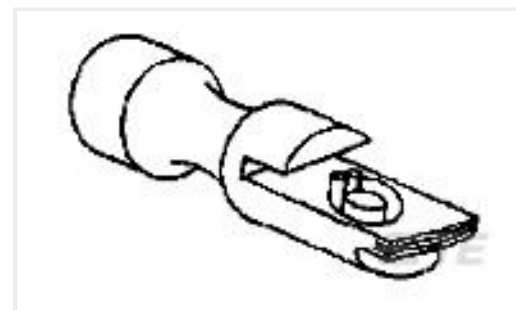
Customers Also Bought



TE Part #326741
TERMINAL,PG SPD 16-14 8



TE Part #33460
TERMINAL,SOLIS R 8 10



TE Part #52594-2
AMPOWER DISC 1/0 AG W/SIGHT HO



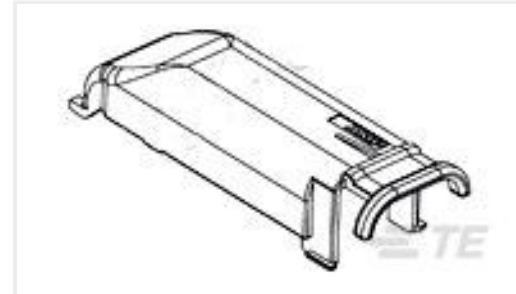
TE Part #3-967624-1
JUN-POW-TIM GEH 18P



TE Part #2-320576-1
TERMINAL,PIDG R 12-10 5/16



TE Part #33114
TERMINAL,SOLIS R 4 10



TE Part #368389-1
COVER HSG FOR 81P(SIEMENS)



TE Part #33461
TERMINAL,SOLIS R 8 1/4



TE Part #33466
TERMINAL,SOLIS R 6 5/16



TE Part #31807
TERMINAL,SOLIS R 8 10

Documents

Product Drawings

[TERMINAL,SOLIS R 8 5/16](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_31808_K.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_31808_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_31808_K.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_31808_F.3d_igs.zip](#)

English



Customer View Model

[ENG_CVM_31808_F.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_31808_F.2d_dxf.zip](#)

English

3D PDF

3D

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Datasheets & Catalog Pages

[SOLISTRAND - QRG](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[UL Report](#)

English

[UL Report](#)

English