

160121 ✓ ACTIVE

SOLISTRAND

TE Internal #: 160121

Ring Terminals & Spade Terminals, Ring Tongue, 12 – 10 AWG

Wire Size, 3.31 – 5.26 mm² Wire Size, Stud Size M10, Stud Diameter

10.44 mm [.411 in]

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Terminals & Splices > Ring Terminals & Spade Terminals



Ring & Spade Terminal Type: **Ring Tongue**

Wire Size: **3.31 – 5.26 mm²**

Stud Size: **M10**

Stud Diameter: **10.44 mm [.411 in]**

Features

Product Type Features

Stud Size	M10
Sealable	No
Wire Insulation Support Retention Type	Non-Insulation Support

Configuration Features

Number of Holes	1
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Body Features

Product Weight	2.088 g
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Contact Features

Ring & Spade Terminal Type	Ring Tongue
Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	3.31 – 5.26 mm ²
Stud Diameter	10.44 mm [.411 in]
Tongue Thickness	.79 mm [.031 in]
Product Length	28 mm [1.102 in]
Barrel Inside Diameter	5.74 mm [.226 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

Industry Standards

Government Qualified Terminal	No
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Packaging Features

Packaging Quantity	500
Packaging Method	Box

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 58545-1
SOLISTRAND 10-22 DIE ASSY



TE Part # 49935
DAHT SOLIS 22-10 ASSY



TE Part # 525693
DAHT SOLIS 22-10 ASSY



TE Part # 47814
DIES SOLIS 12-10 DIE SET



TE Part # 539662-2
MATR SOLISTR 0,3-6,



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

Customers Also Bought



TE Part #350705-7
UMNL SPLIT PIN 20-14 AUBR L/P



TE Part #33469
TERMINAL,SOLIS R 4 1/4



TE Part #160075
SOLIS 4 R M10



TE Part #34124
TERMINAL,SOLIS R 16-14 1/4



TE Part #1-1718492-1
1.5MM TAB HSG 36 POS ASSY



TE Part #927771-6
JPT REC 2.8 Contact SRC Ag



TE Part #6776556004
RPPM-NR510-X-50MM



Documents

Product Drawings

SOLIS 12-10 R 10MM

English

CAD Files

Customer View Model

ENG_CVM_CVM_160121_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_160121_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_160121_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

SOLISTRAND - QRG

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL Report

English

UL Report

English