



**SOLISTRAND**

TE Internal #: 170725-2

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

Wire Size, 3 – 6 mm<sup>2</sup> Wire Size, 5180 – 13100 CMA Wire Size, Stud

Size M5

[View on TE.com >](#)

Terminals & Splices > Ring Terminals & Spade Terminals



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

Wire Size: **5180 – 13100 CMA**

Stud Size: **M5**

**Features**

**Product Type Features**

Stud Size	M5
Sealable	No
Wire Insulation Support Retention Type	Non-Insulation Support

**Configuration Features**

Number of Holes	1
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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	5180 – 13100 CMA
Stud Diameter	5.4 mm[.213 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	20 mm[.78 in]
Barrel Inside Diameter	4.65 mm[.181 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	1000
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: JAN 2023 (233) 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 # 49935  
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 #2-6609037-0  
10EMC3=F8148



TE Part #1775441-4  
EMIX CONN., 1.5MM PITCH, RCPT,  
HSG, 4P



TE Part #1-5103309-0  
A/L LOW PRO HDR 50P VERT BLACK



TE Part #324955  
TERMINAL,SOLIS R 16-14 8



TE Part #4-643817-2  
12P MTA156 CONN ASSY 18AWG LF



TE Part #140717-2  
110 FASTON,REC.,22-18 AWG,PTBR



TE Part #2-1614884-1  
CPF 0805 15R 0.1% 25PPM 1K RL



TE Part #8-34112-1  
SOLIS R 22-16COMM 22-18MIL 10



TE Part #2-2317656-3  
AV25 DPM 3A MOVING RING RED 12V



TE Part #3-1879353-2  
RR02 5% 82K AMMO

## Documents

### Product Drawings

SOLIS RING

English

### CAD Files

3D PDF

3D



### Customer View Model

[ENG\\_CVM\\_CVM\\_170725-2\\_E.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_170725-2\\_E.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_170725-2\\_E.3d\\_stp.zip](#)

English

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

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## Product Specifications

### Product Specification

English

### SOLISTRAND TERMINALS

English

### Product Specification

English

### NON-INSULATED SOLDERLESS SOLISTRAND TERMINAL FOR COPPER WIRE

English

### NON-INSULATED SOLDERLESS SOLISTRAND TERMINAL FOR COPPER WIRE

Japanese

### Product Specification

Japanese

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## Product Environmental Compliance

### Product Compliance

English

### Product Compliance

English

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## Agency Approvals

### UL Report

English