



SOLISTRAND

TE Part # 2-33459-6

TE Internal #: 2-33459-6

Mil-Spec: [MS20659-106]

[View on TE.com >](#)

Terminals & Splices > Rings & Spades



Terminal & Splice Type: **Ring Tongue**

Wire Size: **5180 – 13100 CMA**

Stud Size: **5/16, M8**

**Features**

**Product Type Features**

Shape Description	RING-048
Stud Size	5/16, M8
Barrel Type	Closed Barrel
Sealable	No
Insulated	No
Wire/Cable Type	Regular Wire

**Configuration Features**

Number of Holes	1
Terminal Angle	Straight

**Body Features**

Inspection Slot	No
Weight per Piece	2.356 g
Plating Material	Copper, Tin

**Contact Features**

Military Part Class	Class II
Terminal & Splice Type	Ring Tongue
Terminal Orientation	Offset

**Mechanical Attachment**

Wire Insulation Support	Without
-------------------------	---------

**Dimensions**



Wire Size	5180 – 13100 CMA
Stud Diameter	7.92 mm[.312 in]
Tongue Thickness	1.07 mm[.042 in]
Overall Length	25.5 mm[1.004 in]
Barrel Inside Diameter	3.28 mm[.129 in]

**Usage Conditions**

Operating Temperature Range	170 °C[338 °F]
-----------------------------	----------------

**Operation/Application**

Heavy Duty	No
------------	----

**Industry Standards**

Government Qualified	Yes
----------------------	-----

**Packaging Features**

Packaging Quantity	2500
Packaging Method	Tape Mounted

**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 2019 (197) Candidate List Declared Against: JAN 2019 (197)
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 Regulations, TE's information on SVHC in

articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts




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



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



TE Part # 49935  
 DAHT SOLIS 22-10



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



TE Part # 525693  
 22-10 TYPE W D.A.H.T.  
 ASSY

## Customers Also Bought



TE Part #794412-1  
 03P .156 MNL PLUG HSG



TE Part #2-33457-2  
 TERMINAL,SOLIS R 12-10  
 10



TE Part #42142-1  
 SHUR PLUG TERMINAL 18-  
 14 AWG TPBR



TE Part #485030-1  
 RING 18-14 AWG TPBR




TE Part #40725  
 RING 190(4.82MM)  
 TERMINAL 18-14 AWG  
 TPBR



TE Part #63697-1  
 FASTON .187  
 RECEPTACLE 18-14 AWG  
 TPBR



TE Part #63477-2  
 FASTON .187  
 RECEPTACLE 20-16 AWG  
 TPBR



TE Part #63097-1  
 PL 250 RECEPTACLE 18-14  
 AWG TPBR



TE Part #348461-1  
ECON 3 LC PLUG SILIC

## Documents

### Product Drawings

[TERMINAL,SOLIS R 12-10 5/16](#)

English

---

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_2-33459-6\\_BA.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-33459-6\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-33459-6\\_BA.3d\\_stp.zip](#)

English

---

### Product Environmental Compliance

[TE Material Declaration](#)

English

---

### Agency Approvals

[UL Report](#)

English

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Terminals](#) category:*

*Click to view products by [TE Connectivity](#) manufacturer:*

Other Similar products are found below :

[00-054007-01074-6](#) [00-054007-70206-1](#) [00-054007-70210-8](#) [00-054007-70217-7](#) [00-054007-70226-9](#) [00-054007-70228-3](#) [00-054007-70248-1](#) [00-054007-70256-6](#) [00-054007-70301-3](#) [00-054007-70316-7](#) [0-0320562-0](#) [00-054007-49560-4](#) [00-054007-70209-2](#) [00-054007-70225-2](#) [00-054007-70227-6](#) [00-054007-70231-3](#) [00-054007-70241-2](#) [00-054007-70242-9](#) [00-054007-70244-3](#) [00-054007-70246-7](#) [00-054007-70263-4](#) [00-054007-70288-7](#) [00-054007-70290-0](#) [00-054007-70300-6](#) [00-054007-70304-4](#) [01-2065-1-0216](#) [01-2900-1-04412](#) [00581P0075](#) [600TS-10](#) [60205-1](#) [604200-1](#) [605601-1](#) [60598-1-CUT-TAPE](#) [61314-6-C](#) [61810-3](#) [61-S](#) [61-SN](#) [626-0194](#) [62-NBM-A](#) [62-SN](#) [62-SP](#) [63-S](#) [640179-1](#) [M55155/059I03](#) [M55155/079C01](#) [M55155/099H02](#) [M55155/109H01](#) [M55155/109H02](#) [M55155/12XH05](#) [M55155/16XH02](#)