

TERMINAL, SOLIS R 12-10 1/2 ✓ ACTIVE

SOLISTRAND

TE Part # 35135

TE Internal #: 35135

Mil-Spec: [MS20659-166]

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Terminals & Splices > Rings & Spades



Terminal & Splice Type: **Ring Tongue**

Wire Size: **5180 – 13100 CMA**

Stud Size: **1/2, M12**

Features

Product Type Features

| | |
|-------------------|---------------|
| Shape Description | RING-048 |
| Stud Size | 1/2, M12 |
| 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 | 2.794 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 | 13.08 mm[.515 in] |
| Tongue Thickness | .99 mm[.04 in] |
| Overall Length | 32.28 mm[1.27 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 | 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: 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 # 539662-2
 MATR SOLISTR 0,3-6,



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



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



TE Part # 47814
 DIE SOLIS STRANDED
 69365 12-10

Customers Also Bought



TE Part #327175
 TERMINAL,SOLIS R 4 1/2



TE Part #320344
 TERMINAL,SOLIS R 6 1/2



TE Part #33220
 TERMINAL,SOLIS R 12-10 3/8

Documents

Product Drawings

[TERMINAL,SOLIS R 12-10 1/2](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_35135_H.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_35135_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_35135_H.3d_stp.zip](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Agency Approvals

[UL](#)

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