



Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 83700 – 119500 CMA

Stud Size: 7/16

Features

Product Type Features

|                                        |                             |
|----------------------------------------|-----------------------------|
| Ring Terminal Product Type             | Closed Ring Tongue Terminal |
| Stud Size                              | 7/16                        |
| Sealable                               | No                          |
| Wire Insulation Support Retention Type | Non-Insulation Support      |

Configuration Features

|                 |   |
|-----------------|---|
| Number of Holes | 1 |
|-----------------|---|

Body Features

|                |          |
|----------------|----------|
| Product Weight | 27.503 g |
|----------------|----------|

Contact Features

|                           |          |
|---------------------------|----------|
| Barrel Type               | Closed   |
| Terminal Orientation      | Straight |
| Terminal Plating Material | Tin      |

Mechanical Attachment

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

Dimensions

|                        |                    |
|------------------------|--------------------|
| Wire Size              | 83700 – 119500 CMA |
| Stud Diameter          | 11.51 mm[.453 in]  |
| Tongue Thickness       | 1.78 mm[.07 in]    |
| Product Length         | 49.68 mm[1.96 in]  |
| Barrel Inside Diameter | 11.28 mm[.444 in]  |

Usage Conditions

|                             |                        |
|-----------------------------|------------------------|
| Insulation Option           | Uninsulated            |
| Operating Temperature Range | 0 – 170 °C[0 – 338 °F] |

Operation/Application

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

Industry Standards

|                               |    |
|-------------------------------|----|
| Government Qualified Terminal | No |
|-------------------------------|----|

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 50          |
| 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: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F < 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

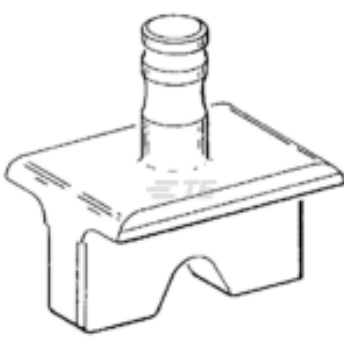


limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration 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 # 45436  
HYP8/10 SOLIS 1/0AWG DIE SET



TE Part # 48132  
HYP8 SOLIS 1/0AWG NEST



TE Part # 1490413-5  
HYP10 SOLIS 1/0AWG NEST



TE Part # 48131  
HYP8 SOLIS 1/0-4/0AWG INDENTER



TE Part # 1490414-3  
HYP10 SOLIS HD 1/0AWG INDENTER

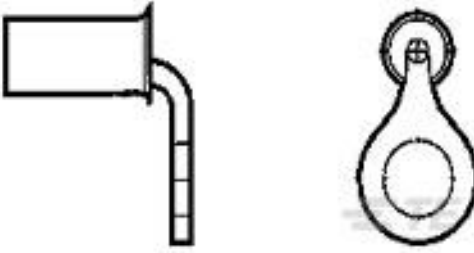
Customers Also Bought



TE Part #2-34173-1  
TERMINAL,PG R 12-10 3/8



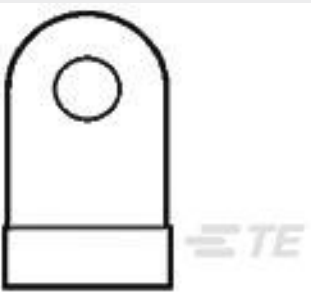
TE Part #36915  
TERMINAL,SOLIS R 1/0 1/4



TE Part #321265  
TERMINAL,SOLIS R 4/0 3/8 90DEG



TE Part #321271  
TERMINAL,SOLIS R 4/0 5/16



TE Part #321584  
TERMINAL,SOLIS FLAG R 2/0 3/8



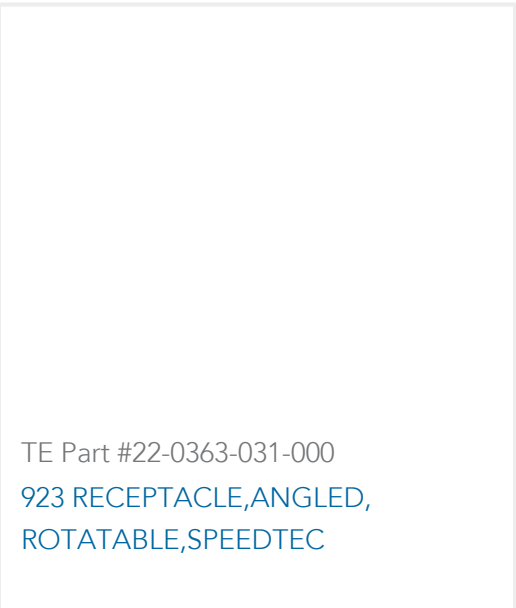
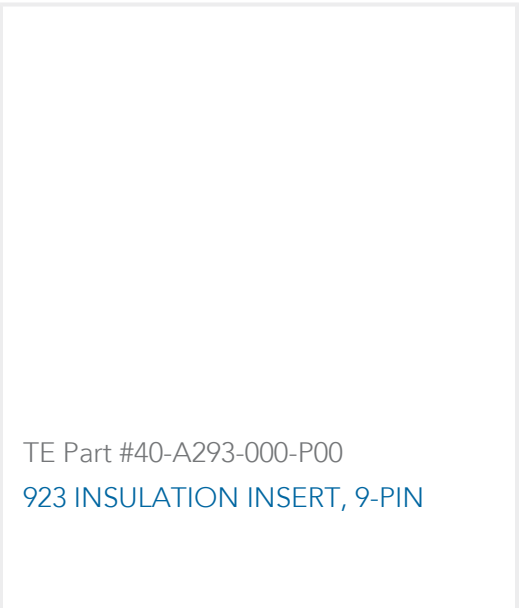
TE Part #321866  
BODY SOLIS RING 1/0 1/4



TE Part #321878  
TERMINAL,SOLIS R 4/0 3/8



TE Part #321880  
TERMINAL,SOLIS R 4/0 1/2



Documents

Product Drawings

[TERMINAL, SOLIS R 1/0 7/16](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_36918\\_AE.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_36918\\_AE.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_36918\\_AE.3d\\_stp.zip](#)

English

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Instruction Sheets

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

English

Agency Approvals

[UL Report](#)

English

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English