



Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 2048 – 5178 CMA

Stud Size: M10

Features

Product Type Features

|                                        |                             |
|----------------------------------------|-----------------------------|
| Shape Description                      | Circular/Oval               |
| Ring Terminal Product Type             | Closed Ring Tongue Terminal |
| Stud Size                              | M10                         |
| Sealable                               | No                          |
| Compatible With Discrete Wire Type     | Stranded                    |
| Wire Insulation Support Retention Type | Insulation Support          |

Configuration Features

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

Body Features

|                |         |
|----------------|---------|
| Product Weight | 4.148 g |
|----------------|---------|

Contact Features

|                               |          |
|-------------------------------|----------|
| Contact Base Material         | Brass    |
| Barrel Type                   | Open     |
| Terminal Orientation          | Straight |
| Terminal Plating Material     | Tin      |
| Contact Underplating Material | Nickel   |



Mechanical Attachment

|                         |      |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

Dimensions

|                                      |                                     |
|--------------------------------------|-------------------------------------|
|                                      | .098 in                             |
| Wire Size                            | 2048 – 5178 CMA                     |
| Stud Diameter                        | 10.5 mm [.413 in]                   |
| Tongue Thickness                     | .76 mm [.03 in]                     |
| Product Length                       | 29.72 mm [1.17 in]                  |
| Barrel Inside Diameter               | 1.65 mm, 2.79 mm [.065 in] [.11 in] |
| Compatible Insulation Diameter (Max) | 3.81 mm [.15 in]                    |
| Compatible Insulation Diameter Range | 2.5 – 3.8 mm [.098 – .15 in]        |

Usage Conditions

|                             |                             |
|-----------------------------|-----------------------------|
| Insulation Option           | Uninsulated                 |
| Operating Temperature Range | -40 – 110 °C [-40 – 230 °F] |

Operation/Application

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

Industry Standards

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

Packaging Features

|                    |            |
|--------------------|------------|
| Packaging Quantity | 2000       |
| Packaging Method   | Strip/Reel |

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

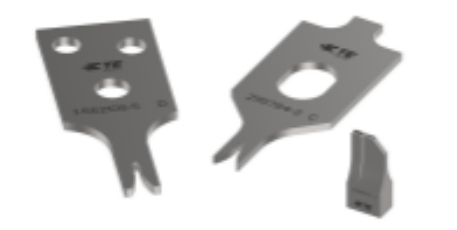
Solder Process Capability

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



**KIT**

REPRESENTATION ONLY

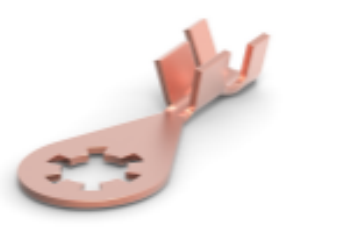
TE Part # 7-2150637-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-130F180F



TE Part # 881002-2  
RING TONGUE 3.0-6.0 MM2 0.81X20.95 TPBR



TE Part # 2150637-2  
OCEAN\_2.0\_Applicator-E-130F180F-REA

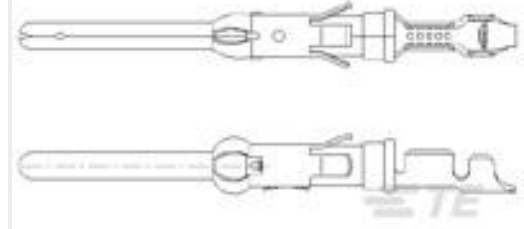


TE Part # 626283-3  
RING TONGUE ANT ROT

Customers Also Bought



TE Part #41532  
250 FASTON FLAG REC 18-12 AWG TPBR



TE Part #163085-9  
.062 DIA PIN ASS 3+



TE Part #770901-1  
MINI UMNL PIN 26-22 AWG SN



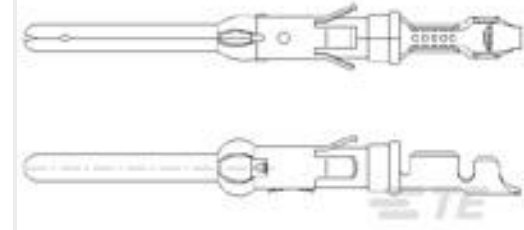
TE Part #770902-1  
MINI UMNL SOCK 26-22 AWG SN



TE Part #927742-2  
2 POS FASTIN/ON HOUSING PANEL MOUNT



TE Part #9-1579007-5  
EXTRACTION TOOL



TE Part #163081-8  
.062 DIA PIN ASSY 3+



TE Part #690455-1  
FRONT STRIPPER



Documents

Product Drawings

RT IS 1.0-2.5MM2 0.315 X .708 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_160467-2\_H.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_160467-2\_H.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_160467-2\_H.3d\_stp.zip

English

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

Product Specifications

Product Specification

English

Product Specification

English