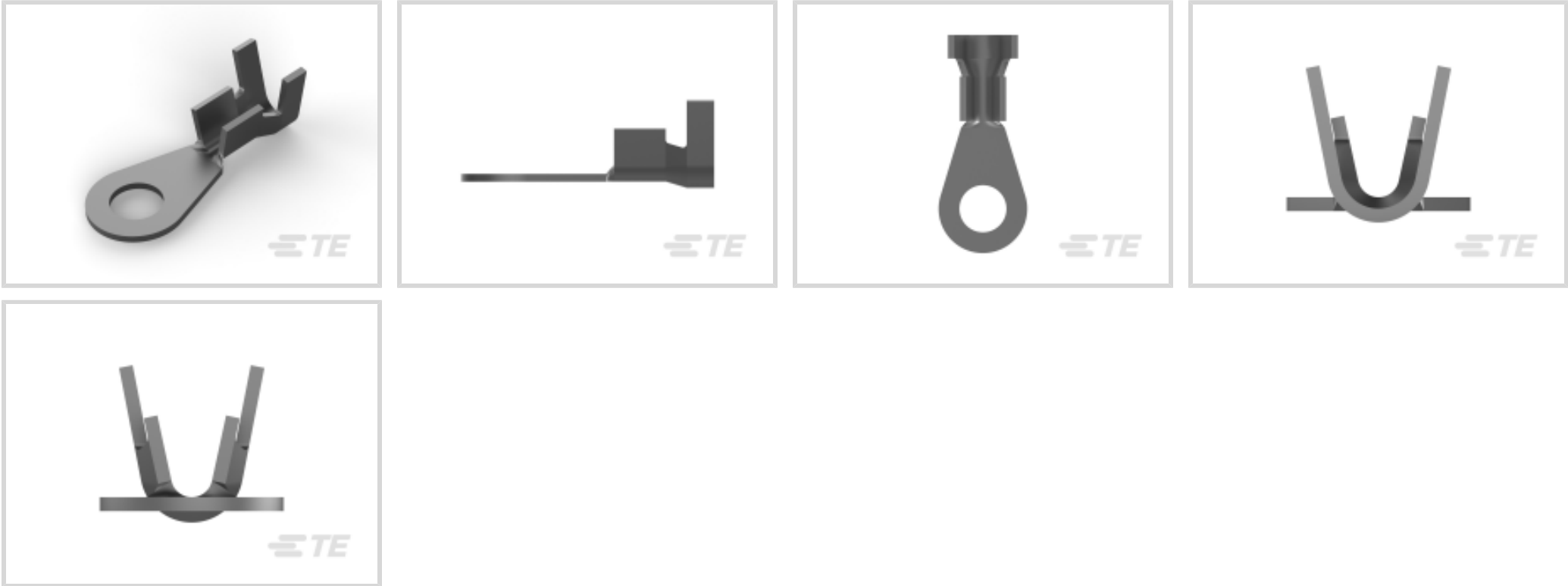




Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 2048 – 5178 CMA

Stud Size: #8, M4

Features

Configuration Features

|                 |   |
|-----------------|---|
| Number of Holes | 2 |
|-----------------|---|

Body Features

|                |        |
|----------------|--------|
| Product Weight | .678 g |
|----------------|--------|

Mechanical Attachment

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

Industry Standards

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

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 5000        |
| Packaging Method   | Tape & Reel |

Product Type Features

|                            |                             |
|----------------------------|-----------------------------|
| Shape Description          | RING-001                    |
| Terminal Features          | Sheared                     |
| Ring Terminal Product Type | Closed Ring Tongue Terminal |
| Stud Size                  | #8, M4                      |



|                                        |                    |
|----------------------------------------|--------------------|
| Sealable                               | No                 |
| Compatible With Discrete Wire Type     | Stranded           |
| Wire Insulation Support Retention Type | Insulation Support |

Contact Features

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

Dimensions

|                                      |                                   |
|--------------------------------------|-----------------------------------|
| Wire Size                            | 2048 – 5178 CMA                   |
| Stud Diameter                        | 4.3 mm[.169 in]                   |
| Tongue Thickness                     | .6 mm[.023 in]                    |
| Product Length                       | 19.8 mm[.779 in]                  |
| Barrel Inside Diameter               | 1.82 mm, 3.32 mm[.13 in][.071 in] |
| Compatible Insulation Diameter (Max) | 3.99 mm[.157 in]                  |
| Compatible Insulation Diameter Range | 2.7 – 4 mm[.106 – .157 in]        |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Uninsulated                |
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |

Operation/Application

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

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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



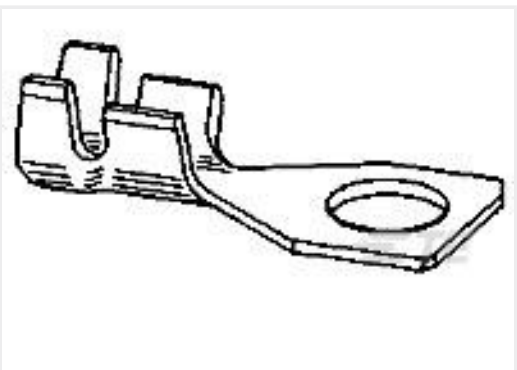
TE Part # 2150568-1  
OCEAN\_2.0\_APPLICATOR-E-130F180F-REM



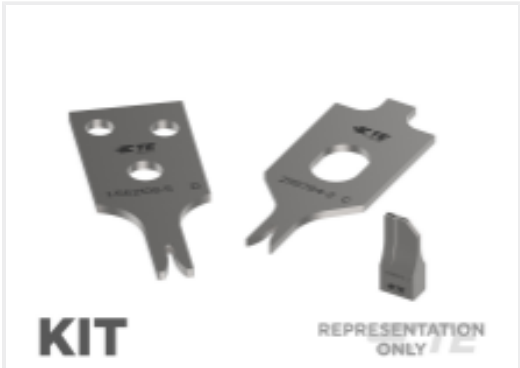
TE Part # 2150568-2  
OCEAN\_2.0\_APPLICATOR-E-130F180F-REA



TE Part # 444155-2  
RING TONGUE 1-5 MM2 0.6 ELECTRO TPBR



TE Part # 180389-2  
TERM PLACA CUADRADA DIA 4

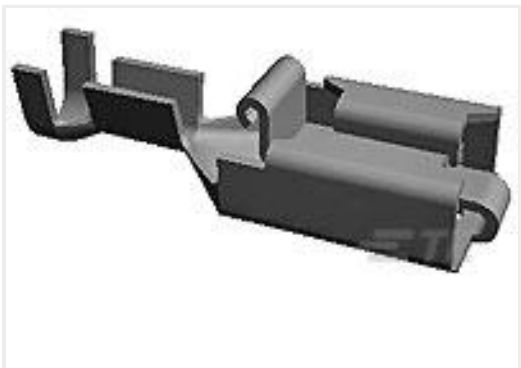


TE Part # 7-2150568-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-130F180F

Customers Also Bought



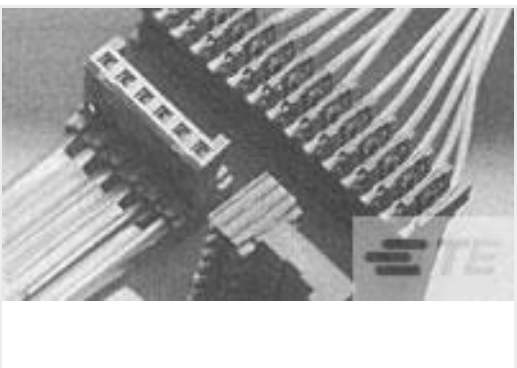
TE Part #3-640599-4  
04P MTA156 CONN ASSY 18AWG ORA



TE Part #154718-1  
250 PL MKI REC. 18-14AWG BR



TE Part #515632-E  
M12 MALE, UNI CODE, 8P, 10.5MM SMT, DI



TE Part #144273-4  
PLUG HE13 IDC 90 4 P AWG 24





TE Part #928344-4  
4P STD TIMER GEH



TE Part #474329-E  
M12 MALE, UNI CODE, 4P, 10.5MM SMT, DI



TE Part #494166-E  
M12 FEMALE, A CODE, 8P, 17MM SMT



KIT  
TE Part #7-2150568-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-130F180F

TE Part #1338969-1  
SUPPORT, REEL

TE Part #992342-2  
SCREW ASSEMBLY, THUMB

Documents

Product Drawings

RING TONGUE 1.0-2.5 MM2 0.61X14.60 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_880642-2\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_880642-2\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_880642-2\_A.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_880642-2\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_880642-2\_B.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_880642-2\_B.2d\_dxf.zip

English

3D PDF

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

Product Specification

English