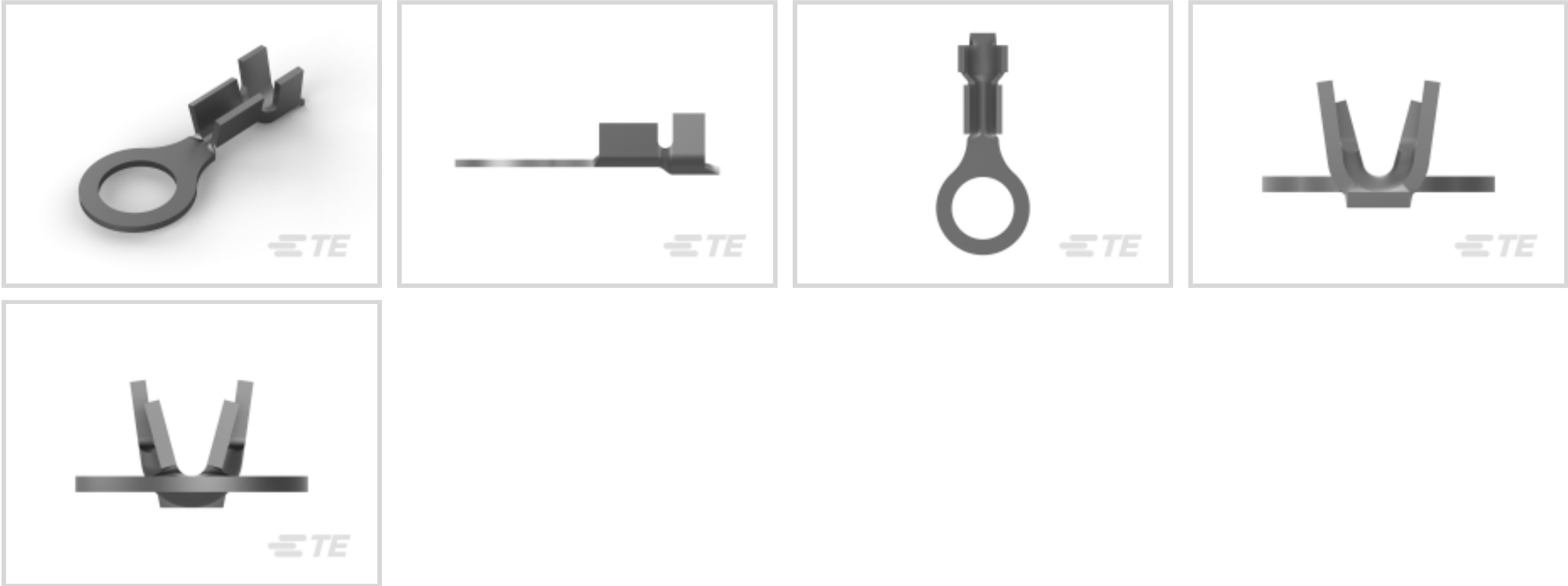




Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 642 – 1624 CMA

Stud Size: #8, M4

Features

Product Type Features

|                                        |                             |
|----------------------------------------|-----------------------------|
| Shape Description                      | Circular/Oval               |
| 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          |

Configuration Features

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

Body Features

|                |        |
|----------------|--------|
| Product Weight | .444 g |
|----------------|--------|

Contact Features

|                               |          |
|-------------------------------|----------|
| Contact Base Material         | Brass    |
| Barrel Type                   | Open     |
| Terminal Orientation          | Straight |
| Terminal Plating Material     | Tin      |
| Contact Underplating Material | None     |



Mechanical Attachment

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

Dimensions

|                                      |                                  |
|--------------------------------------|----------------------------------|
|                                      | .08 in                           |
| Wire Size                            | 642 – 1624 CMA                   |
| Stud Diameter                        | 4.17 mm[.164 in]                 |
| Tongue Thickness                     | .51 mm[.02 in]                   |
| Product Length                       | 16.76 mm[.66 in]                 |
| Barrel Inside Diameter               | 1.01 mm, 2.28 mm[.04 in][.09 in] |
| Compatible Insulation Diameter (Max) | 2.79 mm[.11 in]                  |
| Compatible Insulation Diameter Range | 2.03 – 2.79 mm[.08 – .11 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 | 20000      |
| 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 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 # 440456-1  
RING TERMINAL, TPBR



TE Part # 2150074-1  
OCEAN\_2.0\_Applicator-E-090F140F-REM



TE Part # 2150074-2  
OCEAN\_2.0\_Applicator-E-090F140F-REA



TE Part # 567409-2  
HDM DUL EAPR090F140F K 42037



TE Part # 626235-1  
TERMINAL RING TONG



TE Part # 626235-2  
RING TONGUE 22-18 AWG 0.50 X 9.144 BR



TE Part # 7-2150074-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-090F140F



TE Part # 90062  
DAHT 93 SERIES TAPER PIN 24 ASSY

Customers Also Bought



TE Part #1-327717-2  
PIDG SPD 22-16 COMM 22-18MIL 4



TE Part #62109-1  
250 FASTON REC 18-14 AWG BR

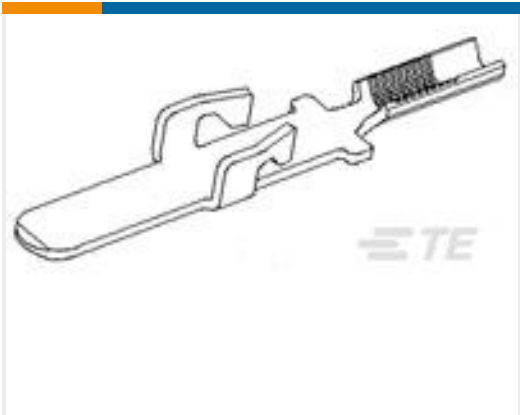


TE Part #293008-1  
3 POS. FASTIN-FASTON CONN. TAB HOUSING R



TE Part #42617-2  
187 FASTON REC 20-16 AWG TPBR





TE Part #1217073-1  
CONT AMVAR 125 BLADE 020 TPBR



TE Part #1-2232263-3  
PTL 1X4 CAP PANEL MT HOT WIRE  
KEYA BLK



TE Part #6-1423008-8  
T92S7D2X-24-99



TE Part #1394429-6  
TP 1394429-2 wh 2-703453-0 PP no Ni  
PLTN

Documents

Product Drawings

RING TERMINAL 22-18 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_42037-1\_AN\_c-42037-1-an.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_42037-1\_AN\_c-42037-1-an.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_42037-1\_AN\_c-42037-1-an.3d\_stp.zip

English

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

Product Specifications

Engineering Report

English