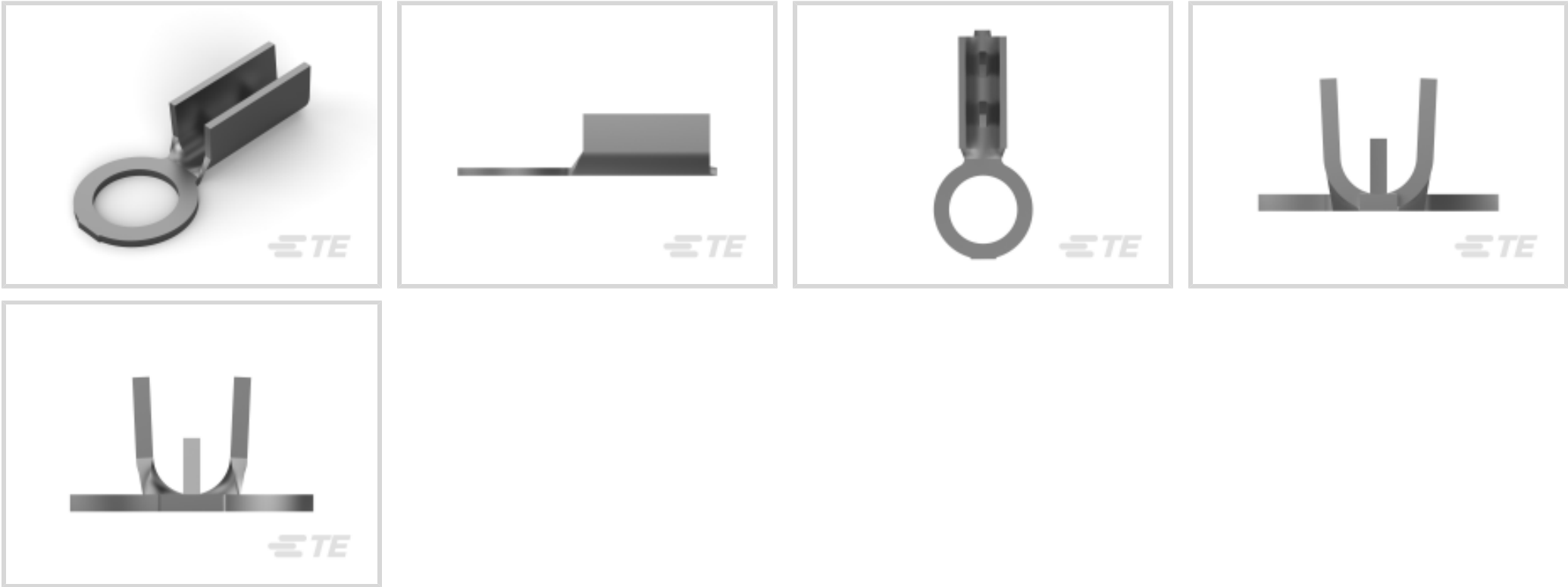




Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 642 - 1021 CMA

Stud Size: #5, M3

Features

Product Type Features

|                                        |                             |
|----------------------------------------|-----------------------------|
| Shape Description                      | Circular/Oval               |
| Ring Terminal Product Type             | Closed Ring Tongue Terminal |
| Stud Size                              | #5, M3                      |
| Sealable                               | No                          |
| Compatible With Discrete Wire Type     | Stranded                    |
| Wire Insulation Support Retention Type | Insulation Piercing         |

Configuration Features

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

Body Features

|                |        |
|----------------|--------|
| Product Weight | .112 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

|                                      |                               |
|--------------------------------------|-------------------------------|
|                                      | .049 in                       |
| Wire Size                            | 642 - 1021 CMA                |
| Stud Diameter                        | 3.25 mm[.128 in]              |
| Tongue Thickness                     | .32 mm[.012 in]               |
| Product Length                       | 10.87 mm[.428 in]             |
| Barrel Inside Diameter               | 1.47 mm[.058 in]              |
| Compatible Insulation Diameter (Max) | 1.65 mm[.065 in]              |
| Compatible Insulation Diameter Range | 1.27 - 1.65 mm[.05 - .065 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 | 25000      |
| 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: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<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 # 2150729-1  
OCEAN\_2.0\_Applicator-E-0900-REM



TE Part # 2150729-2  
OCEAN\_2.0\_Applicator-E-0900-REA



TE Part # 640189-1  
RING TINSEL WIRE TPBR



TE Part # 7-2150729-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-0900



TE Part # 7-2150729-2  
OCEAN\_2.0\_Applicator-E-0900



TE Part # 466071-2  
HDM EMPR 0900K

Customers Also Bought



TE Part # 2273001-3  
M8 x 1.0 straight socket Pigtail



TE Part # 5554217-4  
RCPT ASSY,50 POS,VERT MTG,SHLD



TE Part # 1-1761686-5  
IDC LOW PRO HDR 50P VERT LG LAT



TE Part # 2213614-2  
HERM BLADE & REC,4 POS,LATCH, SELECT GOLD



TE Part # 2-2071409-1  
IHV150HAANA

TE Part # 2-2106489-4  
Connector, Thru Hole-IDC, 4 pos, 22AWG

TE Part # 1-2294950-5  
14POS,MIXED,REC HSG,ASSY,SLD

TE Part # 2063573-1  
SDE MCP1.2 22-24AWG ASSY

TE Part # 10202278-00  
PRESS XDCR M5234-000004-100PG

Documents

Product Drawings

RING IP 22-20 128 012PTPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_41409\_AP\_c-41409-ap.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_41409\_AP\_c-41409-ap.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_41409\_AP\_c-41409-ap.3d\_stp.zip

English

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

Product Specifications

Application Specification

English