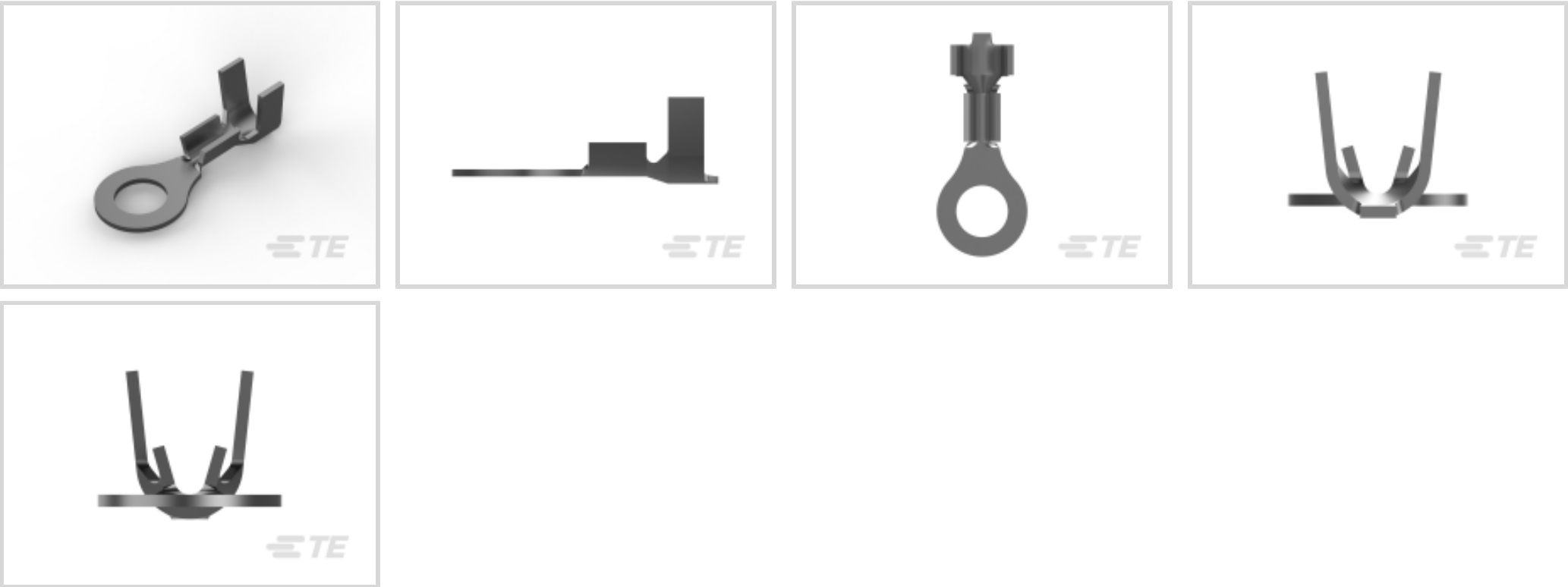




Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 509 - 1289 CMA

Stud Size: #8, M4

Features

Product Type Features

|                                        |                             |
|----------------------------------------|-----------------------------|
| Shape Description                      | RING-028                    |
| Ring Terminal Product Type             | Closed Ring Tongue Terminal |
| Stud Size                              | #8, M4                      |
| Sealable                               | No                          |
| Compatible With Discrete Wire Type     | Magnet Wire                 |
| Wire Insulation Support Retention Type | Insulation Support          |

Configuration Features

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

Contact Features

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

Mechanical Attachment

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



Dimensions

|                                      |                                   |
|--------------------------------------|-----------------------------------|
| Wire Size                            | 509 - 1289 CMA                    |
| Stud Diameter                        | 4.17 mm[.164 in]                  |
| Tongue Thickness                     | .5 mm[.02 in]                     |
| Product Length                       | 17.65 mm[.694 in]                 |
| Barrel Inside Diameter               | 1.27 mm, 3.42 mm[.05 in][.135 in] |
| Compatible Insulation Diameter (Max) | 4.19 mm[.165 in]                  |
| Compatible Insulation Diameter Range | 3.18 - 4.19 mm[.125 - .165 in]    |

Usage Conditions

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

Operation/Application

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

Industry Standards

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

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 5000 |
| Packaging Method   | 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

|                                                                                                                                                                                                  |                                                                                                                                                         |                                                                                                                                               |                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 63612-1<br/>RING AMVAR 22-18 025TPBR</p>                                                         |  <p>TE Part # 63399-1<br/>AMPLIVAR RING 22-29 10 TPBR</p>            |  <p>TE Part # 62755-1<br/>RING AMVAR 14-12 2 15025 BR</p> |  <p>TE Part # 1930001-1<br/>Amplivar, (M3.5) Ring Tongue</p> |
|  <p>TE Part # 2150147-1<br/>OCEAN_2.0_Applicator-E-090F180F-REM</p>                                           |  <p>TE Part # 2150147-2<br/>OCEAN_2.0_Applicator-E-090F180F-REA</p> |  <p>TE Part # 60321-2<br/>AMPLIVAR RG 23-19 8 TPBR</p>   |  <p>TE Part # 63446-2<br/>AMVAR RING 22-18 025TPBR</p>      |
|  <p><b>KIT</b><br/>REPRESENTATION ONLY</p> <p>TE Part # 7-2150147-7<br/>OCEAN_2.0_SPARE_PART_KIT-090F180F</p> |                                                                                                                                                         |                                                                                                                                               |                                                                                                                                                  |

Also in the Series | **AMPLIVAR**



Crimp Wire Pins, Tabs & Ferrules(5)

Magnet Wire Terminals(4)

PCB Terminals(1)

Quick Disconnects(40)

Ring Terminals(28)

Splices(77)

Customers Also Bought

TE Part # 1-1625984-7  
Power Resistors: Aluminum Housed, HSA

TE Part # 2-1462039-9  
IM23GR=IM RELAY 50mW 5V

TE Part # 1586054-1  
VAL-U-LOK PIN BR SN 16AWG

TE Part # 1586017-2  
2P FH PLUG VAL-U-LOK V0

TE Part # 1586314-2  
VAL-U-LOK PIN BR AU 22-18 LP

TE Part # 2317017-2  
PCON 21,TERMINAL,UNSLD,CB, 90DEG

TE Part # 504385-E  
MCBP 4 M \* SMD 137 \* 197 \* GU-H \* J 2.50

TE Part # ADP-BNCF-BNCF-B  
BNC Jack to BNC Jack Bulkhead

Documents

Product Drawings  
AMPLIVAR RG 23-19 8 TPBR

English

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG\_CVM\_CVM\_60323-2\_P.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_60323-2\\_P.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_60323-2\\_P.3d\\_stp.zip](#)

English

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[Product Specifications](#)

[Application Specification](#)

English