



Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 2050 - 5180 CMA

Stud Size: M5

Features

Product Type Features

|                                        |                             |
|----------------------------------------|-----------------------------|
| Terminal Features                      | Heavy Duty                  |
| Ring Terminal Product Type             | Closed Ring Tongue Terminal |
| Stud Size                              | M5                          |
| Sealable                               | No                          |
| Wire Insulation Support Retention Type | Insulation Support          |

Configuration Features

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

Contact Features

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

Mechanical Attachment

|                         |         |
|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|

Dimensions

|               |                  |
|---------------|------------------|
| Wire Size     | 2050 - 5180 CMA  |
| Stud Diameter | 5.26 mm[.207 in] |



|                                      |                             |
|--------------------------------------|-----------------------------|
| Tongue Thickness                     | .79 mm[.031 in]             |
| Product Length                       | 26.49 mm[1.043 in]          |
| Compatible Insulation Diameter (Max) | 6.4 mm[.252 in]             |
| Compatible Insulation Diameter Range | 3.8 - 6.4 mm[.15 - .252 in] |

Usage Conditions

|                             |                     |
|-----------------------------|---------------------|
| Insulation Option           | Partially Insulated |
| Operating Temperature Range | 105 °C[221 °F]      |

Operation/Application

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

Industry Standards

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

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 500 |
| Packaging Method   | Box |

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 # 170532-1  
TERM, RING, PLASTI-GRIP, 16-14 HD, M5

## Also in the Series | PLASTI-GRIP

Compression Connectors(3)

Crimp Wire Pins, Tabs & Ferrules(22)

Ring Terminals(324)

Spade Terminals(178)

Splices(47)

## Customers Also Bought

TE Part # 7-1415054-1  
SR4D4005

TE Part # DT04-12PA-P026  
REC, 12P, GRY, BUSBAR 2X6, NICKEL, A

TE Part # 1-1393161-9  
RP28500-RETAINING CLIP

TE Part # 342184-1  
12-10 F.E.P.G. RING TERMINAL



TE Part # 1676247-3  
RN 0805 200R 0.1% 10PPM 5KRL

TE Part # 2355182-5  
5P,2MM,BRK HDR,SRVT,2.8,0.76AU,TB

TE Part # 342186-1  
12-10 F.E.P.G. RING TONGUE NO.

TE Part # 2-2176339-5  
CRGCQ 0603 1K0 1%

TE Part # 1-2176325-9  
CRGP 0402 330R 1%

TE Part # 1-1670901-1  
12POS,AMP MCP2.8,REC HSG,ASSY

Documents

Product Drawings  
P.G RING UL.CSA(16-14HD)

English

CAD Files  
3D PDF

3D

Customer View Model  
ENG\_CVM\_CVM\_170647-2\_B.2d\_dxf.zip

English

Customer View Model  
ENG\_CVM\_CVM\_170647-2\_B.3d\_igs.zip

English

Customer View Model  
ENG\_CVM\_CVM\_170647-2\_B.3d\_stp.zip

English

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Product Specifications  
Application Specification

English

Agency Approvals  
CSA Certificate

English