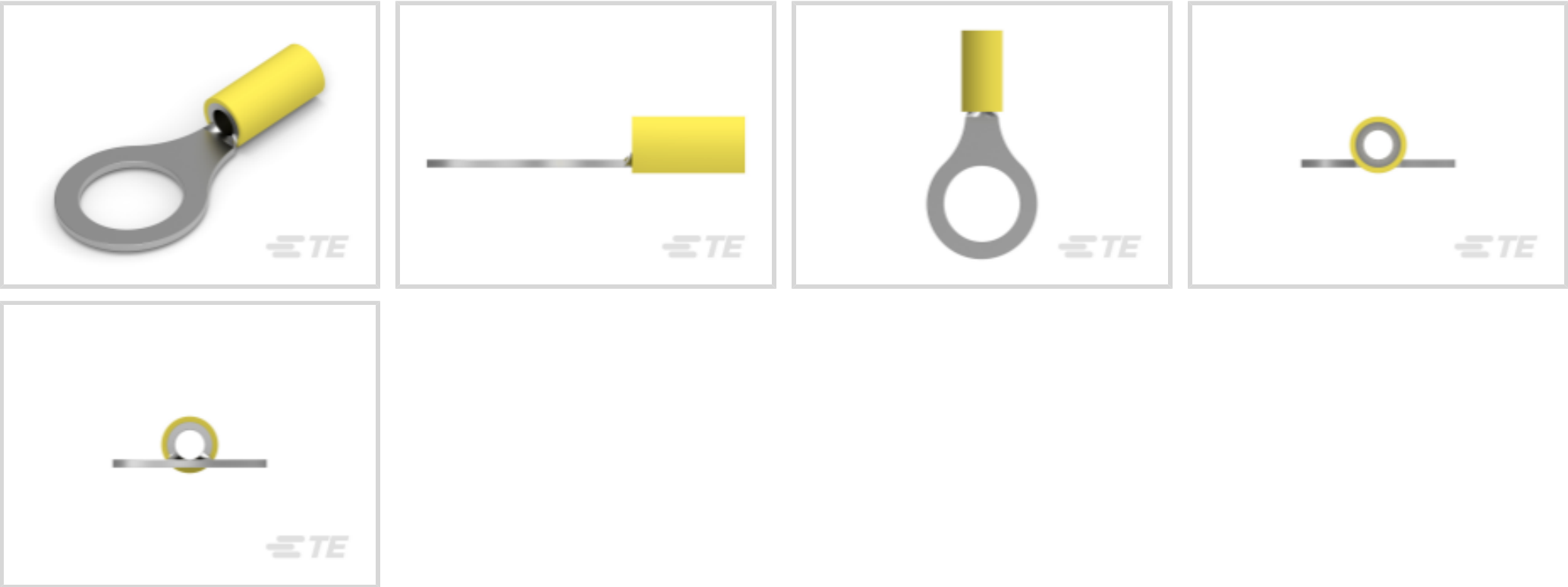




Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 5180 - 13100 CMA

Stud Size: 1/2, M12

Features

Product Type Features

|                            |                             |
|----------------------------|-----------------------------|
| Ring Terminal Product Type | Closed Ring Tongue Terminal |
| Stud Size                  | 1/2, M12                    |
| Sealable                   | No                          |

|                                        |                    |
|----------------------------------------|--------------------|
| Wire Insulation Support Retention Type | Insulation Support |
|----------------------------------------|--------------------|

Configuration Features

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

Body Features

|                |        |
|----------------|--------|
| Product Weight | .395 g |
|----------------|--------|

Contact Features

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

Mechanical Attachment

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

Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Wire Size                            | 5180 - 13100 CMA             |
| Stud Diameter                        | 13.08 mm[.515 in]            |
| Tongue Thickness                     | 1 mm[.042 in]                |
| Product Length                       | 40.49 mm[1.59 in]            |
| Compatible Insulation Diameter (Max) | 6.35 mm[.25 in]              |
| Compatible Insulation Diameter Range | 3.81 - 6.35 mm[.15 - .25 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   | Loose Piece |

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                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                |
| 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 # 59824-1<br>TETRA-CRIMP PIDG PG FASTON 22-10 ASSY | TE Part # 58433-3<br>PRO CR ASSY, RBY IS9252 | TE Part # 59239-4<br>HHHT PIDG PG 12-10 ASSY | TE Part # 58423-1<br>DIE, RBY IS9252       |
|                                                            |                                              |                                              |                                            |
| TE Part # 679300-1<br>1210 PIDG CRIMP HEAD                 | TE Part # 539691-2<br>ERGO DIE R.B.Y         | TE Part # 525692<br>HHHT PIDG PG 12-10 ASSY  | TE Part # 2063030-1<br>SDE DIESET, RBY, UL |
|                                                            |                                              |                                              |                                            |
| TE Part # 47808-6<br>DIES PIDG 12-10 DIE SET               | TE Part # 169400<br>CERTI-LOK FRAME W/O DIES | TE Part # 1-59239-4<br>HHHT PIDG 16-10 HEAD  | TE Part # 169404<br>CERTI-LOK DIE          |
|                                                            |                                              |                                              |                                            |
| TE Part # 1SET191001R0000<br>CRIMP-HT                      | TE Part # 1SET191002R0000<br>TET CRIMP-HT    |                                              |                                            |

Also in the Series | PLASTI-GRIP



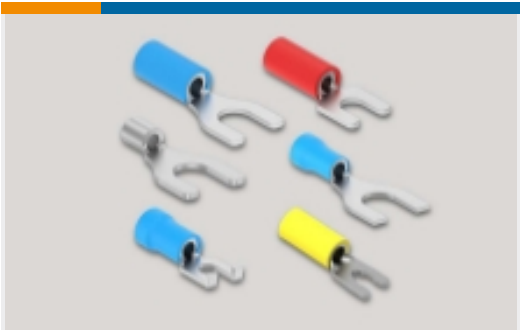
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(22)



Ring Terminals(324)



Spade Terminals(178)



Splices(47)

Customers Also Bought



TE Part # T4171010003-001  
M12,REAR MOUNTING,MALE,A,3P,0.2 M WIRE



TE Part # EC0381-000  
06151901



TE Part # T4113501041-000  
M12,MALE,RA,D CODE,4P,PG7,GOLD



TE Part # 3-1423164-3  
7022PK=RLY,STD,OFF,2P,125VDC,



TE Part # 52263  
TERMINAL R PG 8 10



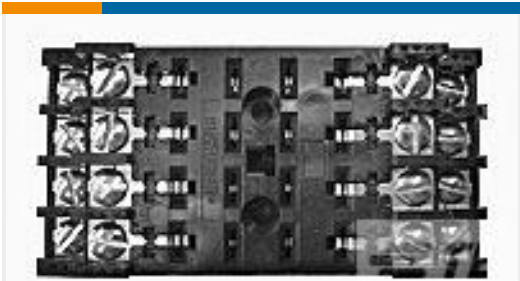
TE Part # 1-2213772-7  
AV22 SPM 3A MOVE RING LED BLUE 12V



TE Part # 344113-1  
WIRE TO BOARD RECPT CONT.



TE Part # ANT-W63-CW-RCS-RPS  
Antenna 1/4 Wave R-Angle Wifi6/6E RPS



TE Part # 1-1437436-0  
CR0002=RLY SKT - 34121-01

Documents



Product Drawings

TERMINAL,PG R 12-10 1/2

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_34837\_T.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_34837\_T.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_34837\_T.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_34837\_Z.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_34837\_Z.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_34837\_Z.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

Application Specification

English

Agency Approvals

UL Report

English

UL Report

English

UL Report

English