

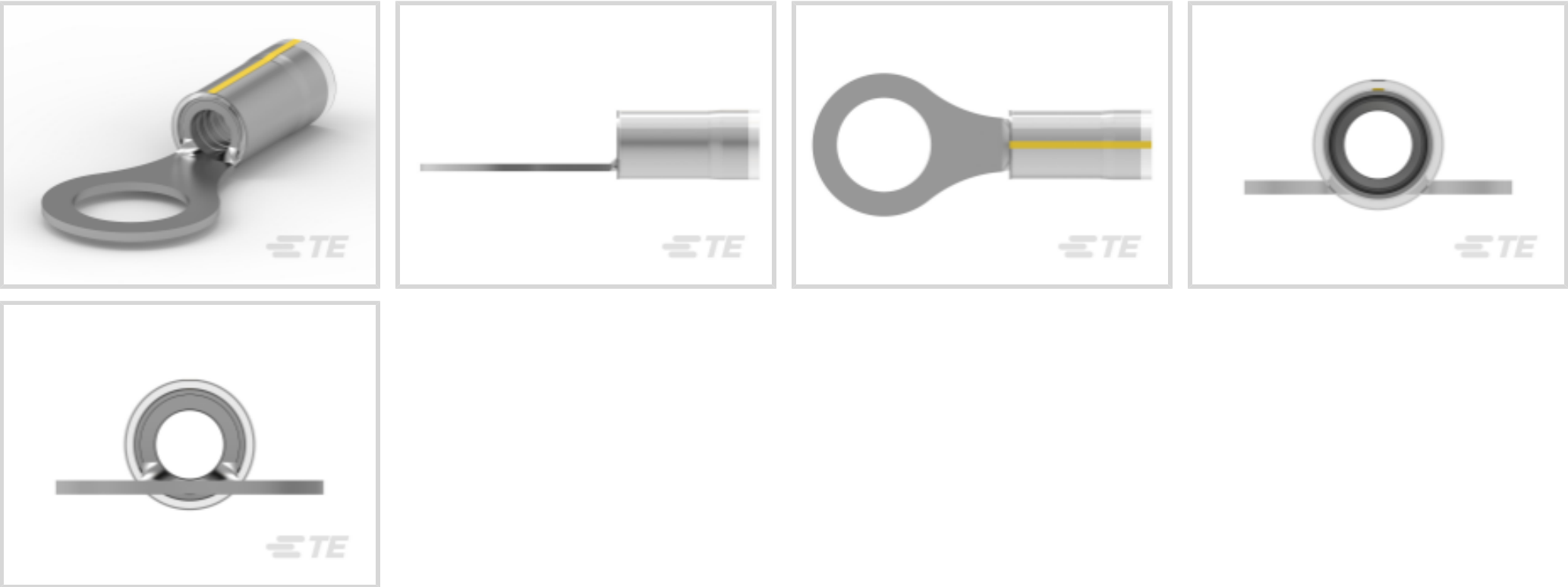


PIDG

TE Internal #: 53428-1  
Closed Ring Tongue Terminal, 12 – 10 AWG, 3/8 Stud, 9.91 mm  
Stud Diameter, Closed Barrel, Straight, Tin-Lead Plating, Partially  
Insulated, PIDG

[View on TE.com >](#)

Terminals & Splices > Ring Terminals > PIDG Radiation Resistant C Rings/Spades



Ring Terminal Product Type: Closed Ring Tongue Terminal  
Wire Size: 5180 – 13100 CMA  
Stud Size: 3/8

[All PIDG Radiation Resistant C Rings/Spades \(36\)](#)

Features

Product Type Features

|                                        |                             |
|----------------------------------------|-----------------------------|
| Ring Terminal Product Type             | Closed Ring Tongue Terminal |
| Stud Size                              | 3/8                         |
| Sealable                               | No                          |
| Wire Insulation Support Retention Type | Insulation Support          |

Configuration Features

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

Body Features

|                         |         |
|-------------------------|---------|
| Insulation Sleeve Color | Natural |
| Stripe Color            | Yellow  |

Contact Features

|                           |          |
|---------------------------|----------|
| Military Part Class       | Class I  |
| Barrel Type               | Closed   |
| Terminal Orientation      | Straight |
| Terminal Plating Material | Tin-Lead |



Mechanical Attachment

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

Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Wire Size                            | 5180 – 13100 CMA             |
| Stud Diameter                        | 9.91 mm                      |
| Tongue Thickness                     | 1.04 mm[.041 in]             |
| Product Length                       | 36.04 mm[1.419 in]           |
| Compatible Insulation Diameter (Max) | 5.84 mm[.23 in]              |
| Compatible Insulation Diameter Range | 3.81 – 5.84 mm[.15 – .23 in] |

Usage Conditions

|                   |                     |
|-------------------|---------------------|
| Insulation Option | Partially Insulated |
|-------------------|---------------------|

Operation/Application

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

Industry Standards

|                               |     |
|-------------------------------|-----|
| Government Qualified Terminal | Yes |
|-------------------------------|-----|

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                  | Not Compliant                                                                                                                                                                                                                                                                                                                                                                                                           |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions                                                                                                                                                                                                                                                                                                                                                                                               |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold                                                                                                                                                                                                                                                                                                                                                                                    |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>SVHC > Threshold:<br>Pb (13% in 4690948374)<br><b>Article Safe Usage Statements:</b><br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                                                                                                                                                                                                                                                                                                          |



Solder Process Capability

Not applicable for solder process capability

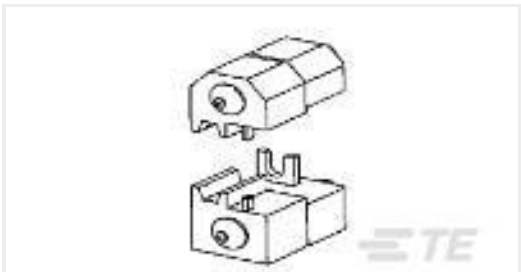
Product Compliance Disclaimer

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 # 169400  
CERTI-LOK FRAME W/O DIES



TE Part # 47808-6  
DIES PIDG 12-10 DIE SET



TE Part # 59824-1  
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY



TE Part # 59239-4  
HHHT PIDG PG 12-10 ASSY



TE Part # 539691-2  
ERGO DIE R.B.Y



TE Part # 169404  
CERTI-LOK DIE



TE Part # 2063030-1  
SDE DIESET, RBY, UL



TE Part # 132246-3  
TERMINAL RING TONGUE PIDG 22 18



TE Part # 58423-1  
DIE, RBY IS9252



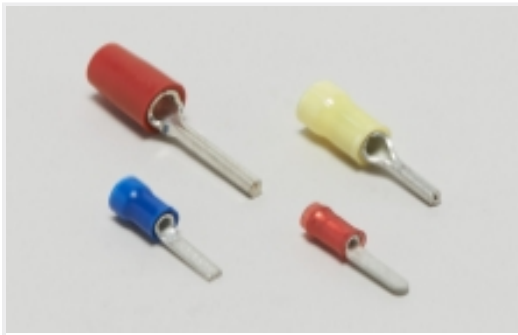
TE Part # 58433-3  
PRO CR ASSY, RBY IS9252

Also in the Series | PIDG





Compression Connectors(17)



Crimp Wire Pins, Tabs & Ferrules(41)



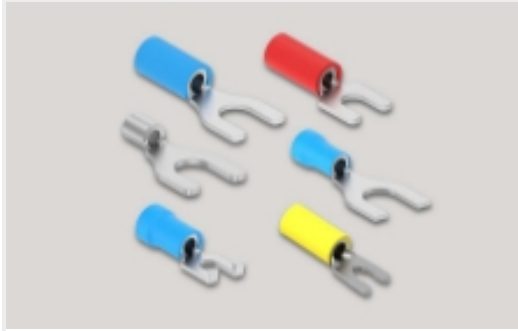
Knife Disconnects(11)



Quick Disconnects(38)



Ring Terminals(588)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)

Customers Also Bought



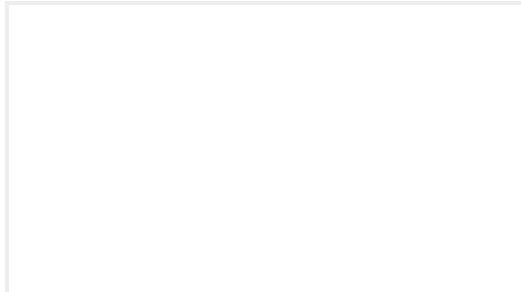
TE Part #CAT-P592-R472  
PIDG Radiation Resistant C Rings /Spades



TE Part #53410-1  
TERMINAL,PIDG PVF2 R 22-16 1/4



TE Part #63942-1  
RCPT,187 FL/FAST/AMVR 0157TPBR



TE Part #5-1393139-5  
MDR-4184-1=MDR

Documents

Product Drawings

TERMINAL,PIDG PVF2 R 12-10 3/8

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_53428-1\_L1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_53428-1\_L1.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_53428-1\_L1.2d\_dxf.zip

English

3D PDF

53428-1

Closed Ring Tongue Terminal, 12 – 10 AWG, 3/8 Stud, 9.91 mm Stud Diameter,  
Closed Barrel, Straight, Tin-Lead Plating, Partially Insulated, PIDG



English

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