



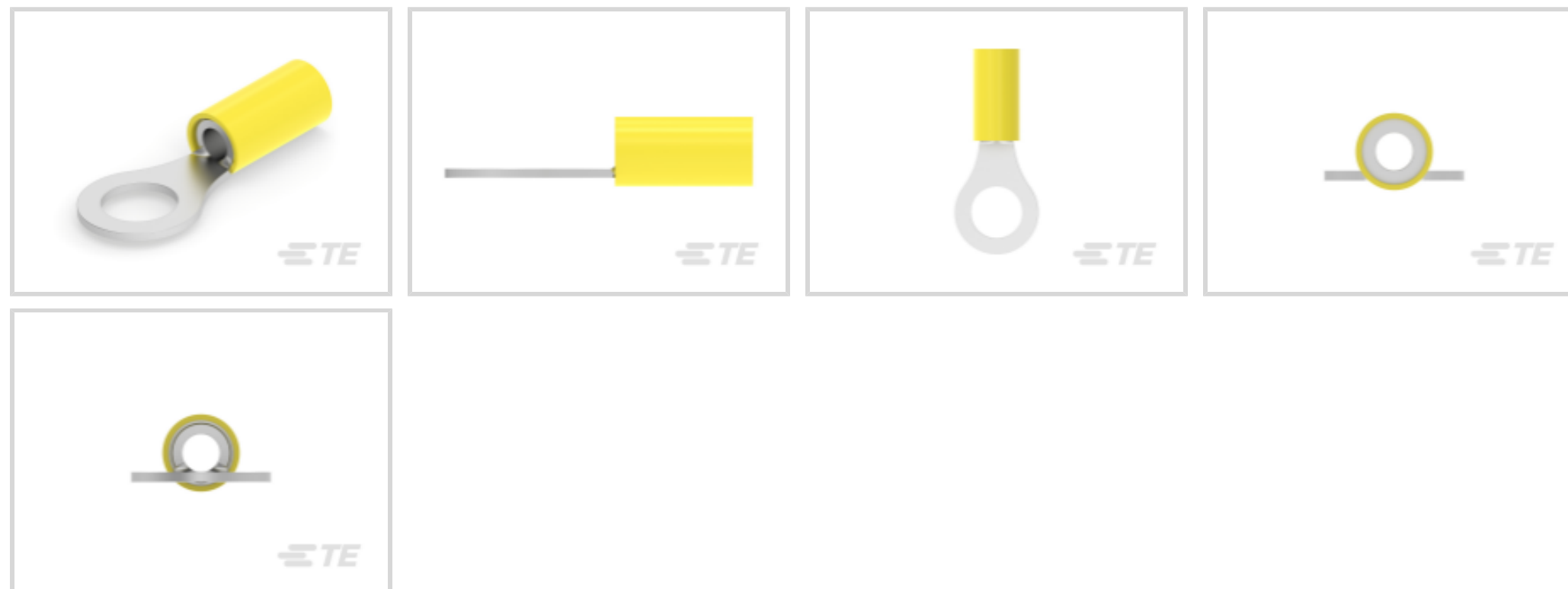
**PIDG**

TE Internal #: 2-320576-1

Closed Ring Tongue Terminal, 12 – 10 AWG, 5/16 / M8 Stud Size, 7.92 mm [.312 in] Stud Diameter, Closed Barrel, Straight, Tin, Partially Insulated

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Terminals & Splices > Ring Terminals > PIDG Ring Tongue Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 5180 – 13100 CMA

Stud Size: 5/16, M8

[All PIDG Ring Tongue Terminals \(414\)](#)

**Features**

**Product Type Features**

|  |                             |
|--|-----------------------------|
| Ring Terminal Product Type             | Closed Ring Tongue Terminal |
| Stud Size                              | 5/16, M8                    |
| Sealable                               | No                          |
| Wire Insulation Support Retention Type | Insulation Support          |

**Configuration Features**

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

**Electrical Characteristics**

|                |       |
|----------------|-------|
| Voltage Rating | 300 V |
|----------------|-------|

**Body Features**

|                |         |
|----------------|---------|
| Product Weight | 3.087 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                        | 7.92 mm [.312 in]             |
| Tongue Thickness                     | .79 mm [.031 in]              |
| Product Length                       | 35.58 mm [1.322 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 |
| 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 | 2500         |
| Packaging Method   | Tape Mounted |

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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: JUNE 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<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 # 59824-1  
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY



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



TE Part # 58423-1  
DIE, RBY IS9252



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



TE Part # 1SET191001R0000  
CRIMP-HT




TE Part # 1SET191002R0000  
TET CRIMP-HT

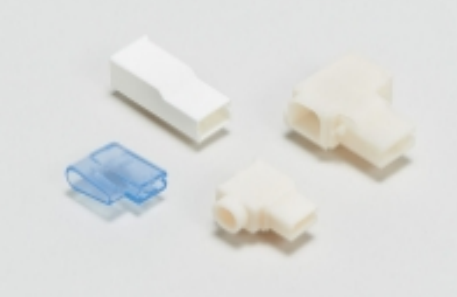


TE Part # 169404  
CERTI-LOK DIE

### Also in the Series | PIDG




Compression Connectors(17)



Crimp Terminal Housings(1)



Crimp Wire Pins, Tabs & Ferrules(41)



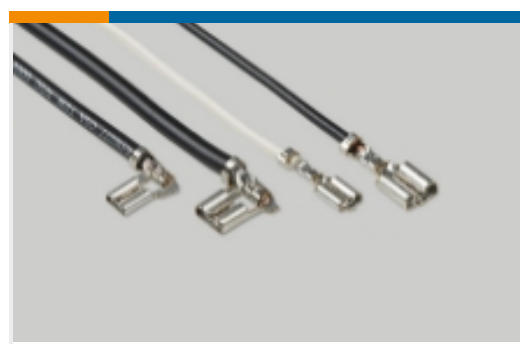
Hand Crimping Tools(2)



Knife Disconnects(11)



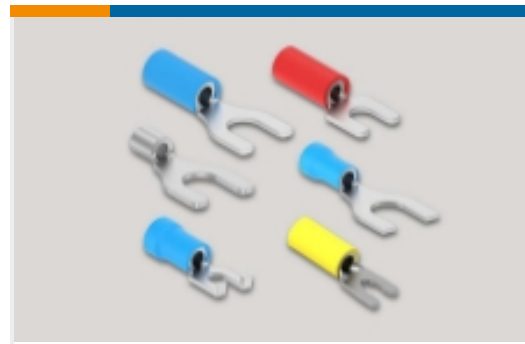
PCB Terminals(7)



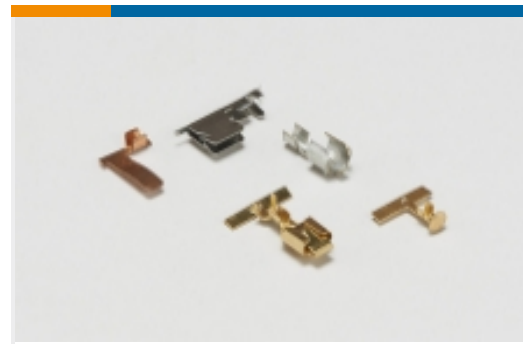
Quick Disconnects(49)



Ring Terminals(607)



Spade Terminals(231)



Special Purpose Terminals(1)



Splices(45)

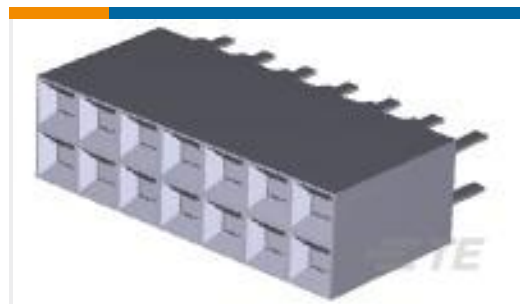
## Customers Also Bought



TE Part #1-1393212-7  
T92S7D22-24



TE Part #1971782-1  
PTL TAB CONTACT, 14 AWG



TE Part #5-534998-7  
14 MODIV VRT DR CE 100/125



TE Part #2-320569-5  
TERMINAL,PIDG R IR 12 1/4



TE Part #200277-2  
FEMALE BLOCK 50 PL.



TE Part #726345-1  
SO RINGZUNGE D46234



TE Part #201356-1  
20 POS. MALE



TE Part #51979-2  
TERMINAL,COPALUM 12-10 10

## Documents

### Product Drawings

[TERMINAL,PIDG R 12-10 5/16](#)

English

### CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_2-320576-1\\_S.2d\\_dxf.zip](#)



English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-320576-1\\_S.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-320576-1\\_S.3d\\_stp.zip](#)

English

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

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### Product Specifications

[Application Specification](#)

English

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### Product Environmental Compliance

[MD\\_2-320576-1\\_05022015512\\_dmtec](#)

English

[MD\\_2-320576-1\\_05022015512\\_dmtec](#)

English

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### Agency Approvals

[UL Report](#)

English