

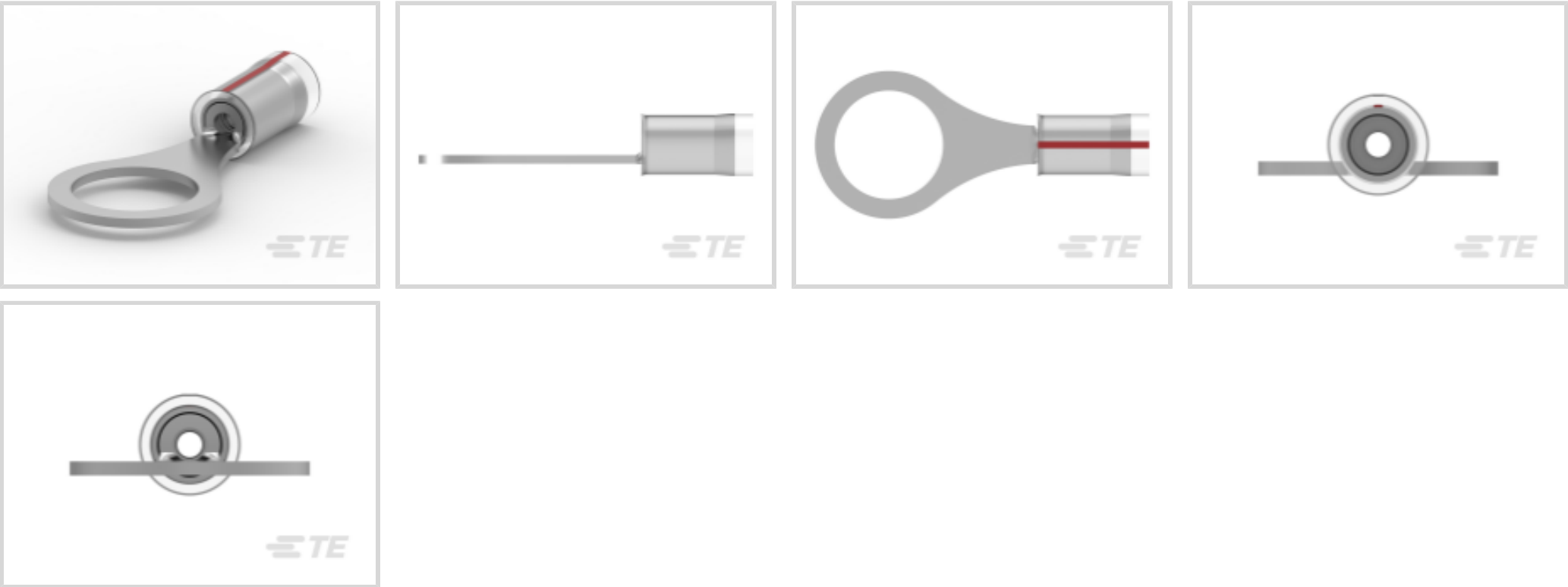


PIDG

TE Internal #: 53412-1  
Closed Ring Tongue Terminal, 22 AWG, 3/8 Stud Size, 9.91 mm  
Stud Diameter, Closed Barrel, Straight, Tin-Lead, 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: 509 - 3260 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            | Red     |

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                            | 509 - 3260 CMA                |
| Stud Diameter                        | 9.91 mm                       |
| Tongue Thickness                     | .79 mm[.031 in]               |
| Product Length                       | 30.94 mm[1.218 in]            |
| Compatible Insulation Diameter (Max) | 3.18 mm[.125 in]              |
| Compatible Insulation Diameter Range | 2.03 - 3.18 mm[.08 - .125 in] |

Usage Conditions

|                             |                     |
|-----------------------------|---------------------|
| Insulation Option           | Partially Insulated |
| Operating Temperature Range | 150 °C[302 °F]      |

Operation/Application

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

Industry Standards

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

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 1000        |
| 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 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>SVHC > Threshold:<br>Pb (13% in Component Part)<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. |

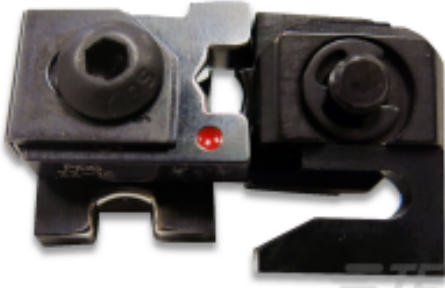


|                           |                                                |
|---------------------------|------------------------------------------------|
| Halogen Content           | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not applicable for solder process 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

|                                                                                                                                          |                                                                                                                                                        |                                                                                                                                          |                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 59170<br/>T-HEAD PIDG SH 26-14 ASSY</p> |  <p>TE Part # 59824-1<br/>TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p> |  <p>TE Part # 47386<br/>DAHT PG PIDG 26-16 ASSY</p> |  <p>TE Part # 47386-4<br/>DAHT PG PIDG 26-16 ASSY</p> |
|  <p>TE Part # 58433-3<br/>PRO CR ASSY, RBY IS9252</p> |  <p>TE Part # 59250<br/>T-HEAD PIDG 26-14 ASSY</p>                  |  <p>TE Part # 58423-1<br/>DIE, RBY IS9252</p>       |  <p>TE Part # 525690<br/>DAHT PG PIDG 20-18 ASSY</p>  |
|  <p>TE Part # 539691-2<br/>ERGO DIE R.B.Y</p>         |  <p>TE Part # 132246-3<br/>TERMINAL RING TONGUE PIDG 22 18</p>      |  <p>TE Part # 2063030-1<br/>SDE DIESET, RBY, UL</p> |  <p>TE Part # 47806-2<br/>DIES PIDG 22-16 DIE SET</p> |



TE Part # 59300  
T-HEAD PIDG PG 26-16 ASSY

TE Part # 169400  
CERTI-LOK FRAME W/O DIES

TE Part # 2392021-2  
RED BATTERY DAHT KIT 220V (47689-4)

TE Part # 2392021-1  
RED BATTERY DAHT KIT 110V (47689-4)

TE Part # 169404  
CERTI-LOK DIE

TE Part # 1SET191001R0000  
CRIMP-HT

TE Part # 1SET191002R0000  
TET CRIMP-HT

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(5)

Quick Disconnects(47)

Ring Terminals(589)

Spade Terminals(230)

Special Purpose Terminals(1)

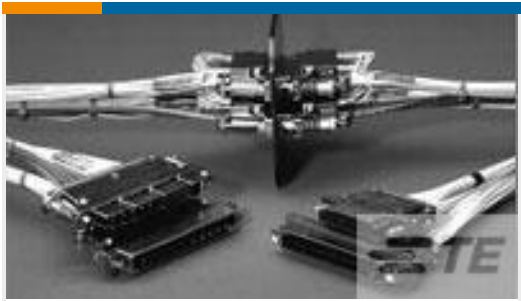
Splices(43)

Customers Also Bought

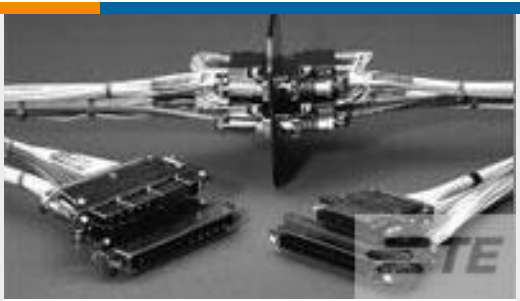




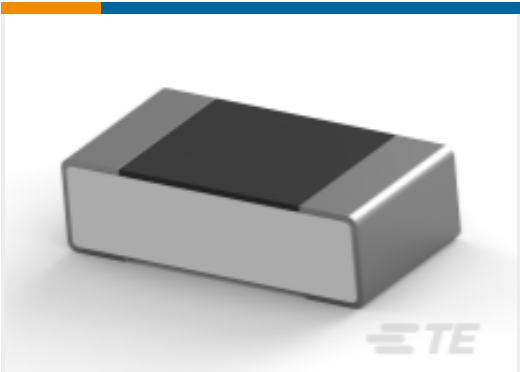
TE Part # 4160-202-2031L  
CONT PIN



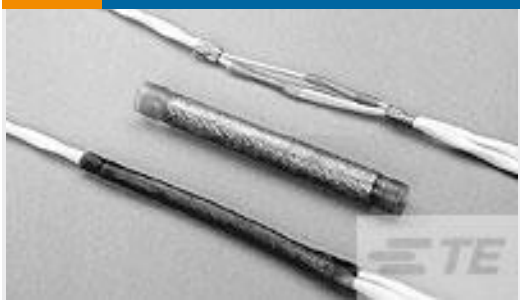
TE Part # 699685-000  
MTC100-JH2-R22



TE Part # 699693-000  
MTC100-JH1-P22



TE Part # 2-2176370-2  
RQ 0603 715R 0.1% 10PPM 5K RL



TE Part # 608633-000  
D-150-0232



TE Part # 53409-1  
PIDG PVF2 22-16COMM22-18MIL 10



TE Part # 1-5120527-1  
1FHP,64,50A/S,S,N,S10,12,13,15



TE Part # YDTS26Z11-35SBV001  
PLUG ASSY

Documents

Product Drawings

PIDG PVF2 22-16COM22-18MIL 3/8

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_53412-1\_F.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_53412-1\_F.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_53412-1\_F.3d\_stp.zip

English

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

Datasheets & Catalog Pages

RADIATION\_RESISTANT\_PRE-INSULATED\_TERMINALS\_SPLICES

English