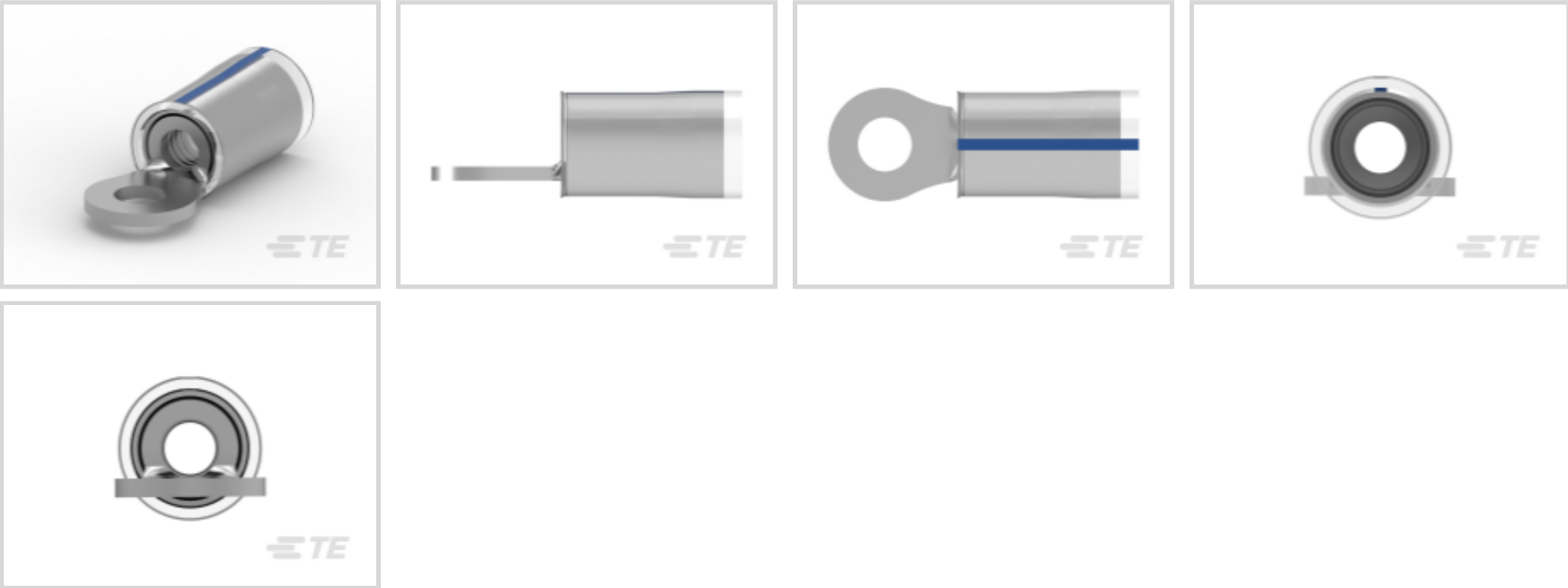




PIDG

TE Internal #: 53415-1  
Closed Ring Tongue Terminal, 16 AWG, #6 / M3.5 Stud Size, 3.68 mm [.145 in] Stud Diameter, Closed Barrel, Straight, Tin-Lead, 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: **2050 – 5180 CMA**  
Stud Size: **#6, M3.5**

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

Features

Product Type Features

|                                        |                             |
|----------------------------------------|-----------------------------|
| Ring Terminal Product Type             | Closed Ring Tongue Terminal |
| Stud Size                              | #6, M3.5                    |
| Sealable                               | No                          |
| Wire Insulation Support Retention Type | Insulation Support          |

Configuration Features

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

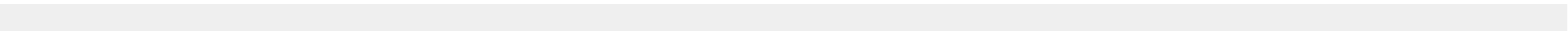
Body Features

|                         |         |
|-------------------------|---------|
| Insulation Sleeve Color | Natural |
|-------------------------|---------|

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                            | 2050 – 5180 CMA               |
| Stud Diameter                        | 3.68 mm[.145 in]              |
| Tongue Thickness                     | .79 mm[.031 in]               |
| Product Length                       | 17.85 mm[.703 in]             |
| Compatible Insulation Diameter (Max) | 3.81 mm[.15 in]               |
| Compatible Insulation Diameter Range | 2.67 – 3.81 mm[.105 – .15 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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<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.                                                                                                                                                                                                                                                                                                                                                                                |



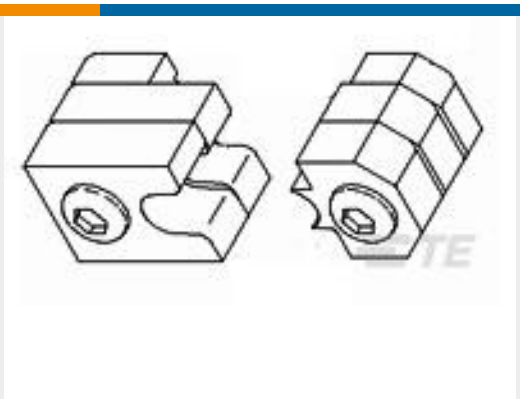
Solder Process Capability

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 # 59250<br/>T-HEAD PIDG 26-14 ASSY</p>             |  <p>TE Part # 58423-1<br/>DIE, RBY IS9252</p>       |  <p>TE Part # 47387-7<br/>DAHT PG PIDG 16-12 ASSY</p> |  <p>TE Part # 59824-1<br/>TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p> |
|  <p>TE Part # 58433-3<br/>PRO CR ASSY, RBY IS9252</p>          |  <p>TE Part # 47387<br/>DAHT PG PIDG 20-14 ASSY</p> |  <p>TE Part # 525691<br/>DAHT PG PIDG 16-14 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 # 47807-1<br/>DIES PIDG 16-14 DIE SET</p> |  <p>TE Part # 169400<br/>CERTI-LOK FRAME W/O DIES</p>               |





TE Part # 2392022-2  
BLUE BATTERY DAHT KIT 220V (47387-7)

TE Part # 2392022-1  
BLUE BATTERY DAHT KIT 110V (47387-7)

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 Wire Pins, Tabs & Ferrules(41)

Hand Crimping Tools(2)

Knife Disconnects(11)

Quick Disconnects(32)

Ring Terminals(589)

Spade Terminals(228)

Special Purpose Terminals(1)

Splices(39)

Customers Also Bought





TE Part #363884-000  
FL2500-NO.3-J1-0-STK



TE Part #322799  
SOLIS R HR 22-16COM22-18MIL 10



TE Part #322927  
SOLIS R 22-16 COMM 22-18 MIL 2



TE Part #53423-1  
PIDG Radiation Resistant C Rings /Spades

Documents

Product Drawings

TERMINAL,PIDG PVF2 R,16-14, 6

English

CAD Files

Customer View Model

ENG\_CVM\_53415-1\_M1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_53415-1\_M1.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_53415-1\_M1.2d\_dxf.zip

English

3D PDF

English

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