



PIDG

TE Internal #: 53964-1  
Closed Ring Tongue Terminal, 16 AWG, #6 / M3.5 Stud, 3.68 mm [.145 in] Stud Diameter, Closed Barrel, Straight, Tin-Lead Plating, PIDG

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Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 2050 – 5180 CMA

Stud Size: #6, M3.5

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 |
| Stripe Color            | Black   |

Contact Features

|                           |          |
|---------------------------|----------|
| 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                     | 1.27 mm[.05 in]              |
| Product Length                       | 26.56 mm[1.046 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 | 0 – 150 °C[0 – 302 °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   | Box |

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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<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>

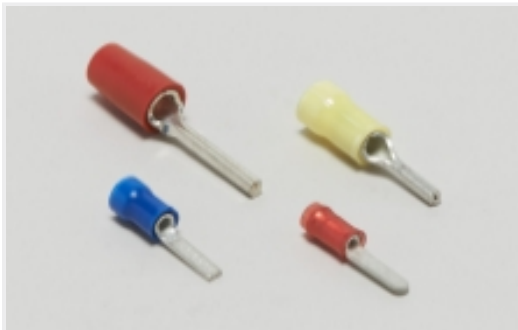
Compatible Parts

|                                                            |                                                       |                                              |                                              |
|------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------|----------------------------------------------|
|                                                            |                                                       |                                              |                                              |
| TE Part # 58423-1<br>DIE, RBY IS9252                       | TE Part # 132246-3<br>TERMINAL RING TONGUE PIDG 22 18 | TE Part # 58433-3<br>PRO CR ASSY, RBY IS9252 | TE Part # 2217330-2<br>KIT, BTLI, 4 TON, EU  |
|                                                            |                                                       |                                              |                                              |
| TE Part # 59824-1<br>TETRA-CRIMP PIDG PG FASTON 22-10 ASSY | TE Part # 59239-4<br>HHHT PIDG PG 12-10 ASSY          | TE Part # 169400<br>CERTI-LOK FRAME W/O DIES | TE Part # 47808-6<br>DIES PIDG 12-10 DIE SET |
|                                                            |                                                       |                                              |                                              |
| TE Part # 539691-2<br>ERGO DIE R.B.Y                       | TE Part # 169404<br>CERTI-LOK DIE                     | TE Part # 2063030-1<br>SDE DIESET, RBY, UL   |                                              |

Also in the Series | PIDG



Compression Connectors(50)



Crimp Wire Pins, Tabs & Ferrules(39)



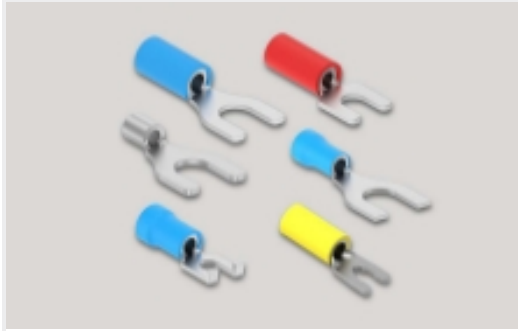
Knife Disconnects(11)



Quick Disconnects(38)



Ring Terminals(589)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)

Customers Also Bought



TE Part #CAT-T3437-R819  
RPS Commercial Grade Sleeves



TE Part #35787  
TERMINAL,PIDG R 12-10 8



TE Part #53547-1  
SPLICE BUTT PVF2 PIDG 24-20



TE Part #4-1393211-4  
T92P11A22-240



TE Part #1-1393249-1  
W58-XB1A4A-2=W58



TE Part #5207719-1  
KIT SCREWLOCK FEMALE

Documents

Product Drawings  
TERMINAL,PIDG PVF2 R 16-14HD 6

English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_53964-1\_B.2d\_dxf.zip

53964-1

Closed Ring Tongue Terminal, 16 AWG, #6 / M3.5 Stud, 3.68 mm [.145 in] Stud Diameter, Closed Barrel, Straight, Tin-Lead Plating, PIDG



English

Customer View Model

[ENG\\_CVM\\_CVM\\_53964-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_53964-1\\_B.3d\\_stp.zip](#)

English

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[Product Specifications](#)

[Application Specification](#)

English