



PIDG

TE Internal #: 53984-1  
Ring Terminals & Spade Terminals, Ring Tongue, 16 AWG Wire Size, 1.04 mm² Wire Size, 2050 – 5180 CMA Wire Size, Stud Size M6, PIDG

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Terminals & Splices > Ring Terminals & Spade Terminals



Ring & Spade Terminal Type: **Ring Tongue**  
Wire Size: **2050 – 5180 CMA**  
Stud Size: **M6**

Features

Product Type Features

|                                        |                    |
|----------------------------------------|--------------------|
| Stud Size                              | M6                 |
| Sealable                               | No                 |
| Wire Insulation Support Retention Type | Insulation Support |

Configuration Features

|                 |       |
|-----------------|-------|
| Number of Holes | 1     |
| Terminal Angle  | 180 ° |

Body Features

|                         |         |
|-------------------------|---------|
| Insulation Sleeve Color | Natural |
| Stripe Color            | Black   |

Contact Features

|                            |             |
|----------------------------|-------------|
| Ring & Spade Terminal Type | Ring Tongue |
| 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                          | 6.73 mm[.265 in]             |
| Tongue Thickness                       | 1.3 mm[.05 in]               |
| Overall Product Length                 | 32.91 mm[1.296 in]           |
| Accepts Wire Insulation Diameter (Max) | 5.84 mm[.23 in]              |
| Accepts Wire Insulation Diameter Range | 3.81 – 5.84 mm[.15 – .23 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    |
| Heavy Duty                            | Yes    |

Industry Standards

|                      |    |
|----------------------|----|
| Government Qualified | 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                   | Not Compliant                                                                                                                                                                                                                                                                                                                                                                                                           |
| 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 2022 (224)<br>Candidate List Declared Against: JAN 2022 (223)<br>SVHC > Threshold:<br>Pb (13% in Component)<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 Yet Reviewed for halogen content                                                                                                                                                                                                                                                                                                                                                                                    |



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 # 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 # 59239-4<br/>HHHT PIDG PG 12-10 ASSY</p> | <p>TE Part # 58423-1<br/>DIE, RBY IS9252</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 # 2217330-2<br/>KIT, BTLI, 4 TON, EU</p> |
| <p>TE Part # 47808-6<br/>DIES PIDG 12-10 DIE SET</p>               | <p>TE Part # 679300-1<br/>1210 PIDG CRIMP HEAD</p>            | <p>TE Part # 169400<br/>CERTI-LOK FRAME W/O DIES</p> | <p>TE Part # 1-59239-4<br/>HHHT PIDG 16-10 HEAD</p> |



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(9)

Quick Disconnects(53)

Ring Terminals & Spade Terminals(861)

Special Purpose Terminals(1)

Splices(48)

Customers Also Bought

TE Part #321280  
SPLICE,SOLIS BUTT 14-12

TE Part #1423157-8  
7012AD=RLY,STD,ON,2P,120VAC,50

TE Part #53416-1  
TERMINAL,PIDG PVF2 R 16-14 6

TE Part #323994  
PIDG Butt Splices



TE Part #53983-1  
[TERMINAL,PIDG PVF2 R 16-14HD](#)



TE Part #1423165-1  
[7024AA=RLY,STD,OFF,4P,120VAC,1](#)

Documents

Product Drawings

[TERMINAL,PIDG PVF2 R 16-14HD](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_53984-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_53984-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_53984-1\\_A.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

Product Specifications

[Application Specification](#)

English