

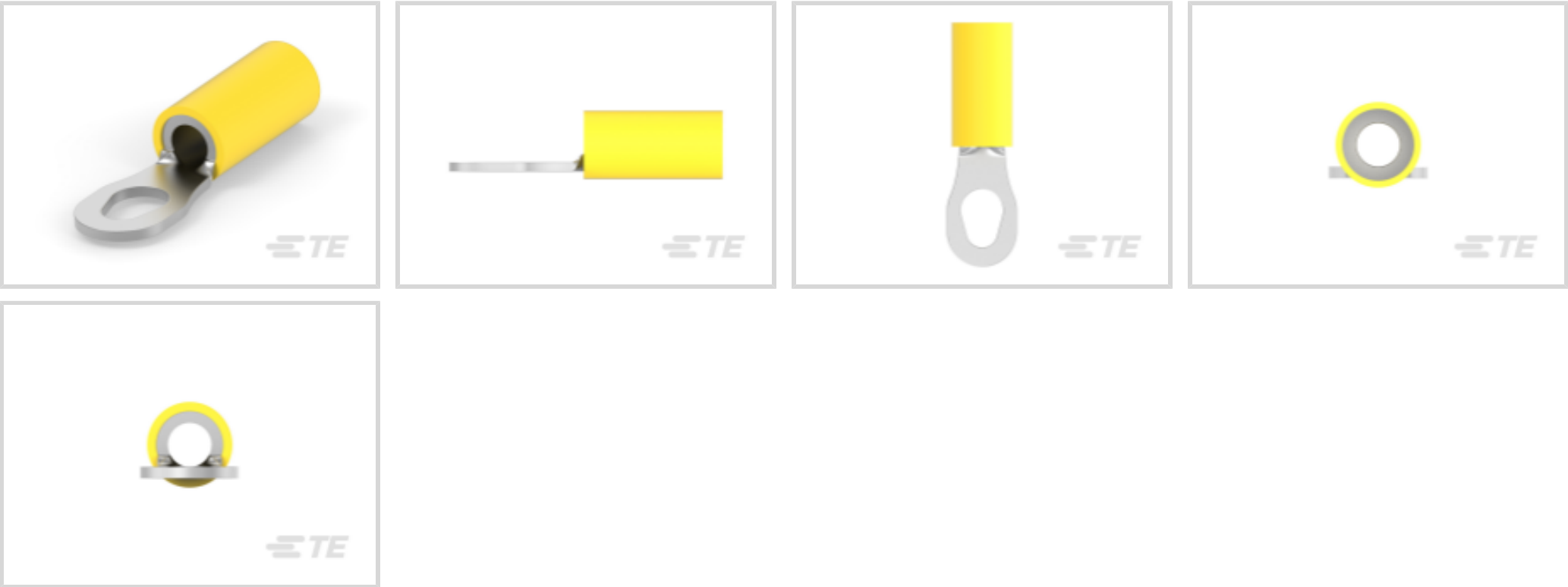


PIDG

TE Internal #: 54773-1  
Multiple Stud Size Ring Tongue Terminal, 12 - 10 AWG, #10 Stud Size, 4.17 mm [.164 in] Stud Diameter, Closed Barrel, Straight, Tin, PIDG

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Terminals & Splices > Ring Terminals > PIDG Ring Tongue Terminals



Ring Terminal Product Type: **Multiple Stud Size Ring Tongue Terminal**

Wire Size: **5180 - 13100 CMA**

Stud Size: **#10**

[All PIDG Ring Tongue Terminals \(411\)](#)

Features

Product Type Features

|                                        |                                         |
|----------------------------------------|-----------------------------------------|
| Ring Terminal Product Type             | Multiple Stud Size Ring Tongue Terminal |
| Stud Size                              | #10                                     |
| Sealable                               | No                                      |
| Wire Insulation Support Retention Type | Insulation Support                      |

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    | 4.17 mm [.164 in] |
| Tongue Thickness | .77 mm [.031 in]  |



|                                      |                              |
|--------------------------------------|------------------------------|
| Product Length                       | 29.59 mm[1.165 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 | 500 |
| Packaging Method   | Box |

Product Compliance

For compliance documentation, visit the product page on 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: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<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

|                                                                    |                                                      |                                                      |                                                      |
|--------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| <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 # 679300-1<br/>1210 PIDG CRIMP HEAD</p>                 | <p>TE Part # 539691-2<br/>ERGO DIE R.B.Y</p>         | <p>TE Part # 2063030-1<br/>SDE DIESET, RBY, UL</p>   | <p>TE Part # 2217330-1<br/>KIT, BTLLI, 4 TON, NA</p> |
| <p>TE Part # 47808-6<br/>DIES PIDG 12-10 DIE SET</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>  | <p>TE Part # 169404<br/>CERTI-LOK DIE</p>            |
| <p>TE Part # 1SET191001R0000<br/>CRIMP-HT</p>                      | <p>TE Part # 1SET191002R0000<br/>TET CRIMP-HT</p>    |                                                      |                                                      |

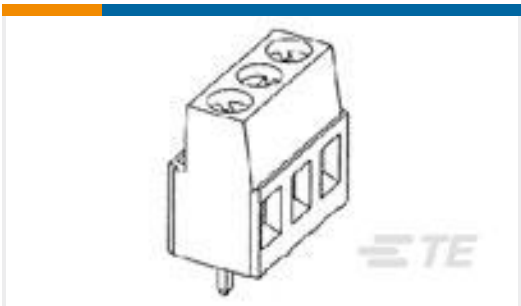
Also in the Series | PIDG





|                                                                                                                     |                                                                                                                          |                                                                                                                                     |                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
|  <p>Compression Connectors(17)</p> |  <p>Crimp Terminal Housings(1)</p>     |  <p>Crimp Wire Pins, Tabs &amp; Ferrules(41)</p> |  <p>Hand Crimping Tools(2)</p> |
|  <p>Knife Disconnects(11)</p>      |  <p>PCB Terminals(5)</p>               |  <p>Quick Disconnects(47)</p>                    |  <p>Ring Terminals(589)</p>    |
|  <p>Spade Terminals(230)</p>     |  <p>Special Purpose Terminals(1)</p> |  <p>Splices(43)</p>                            |                                                                                                                   |

Customers Also Bought

|                                                                                                                                         |                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 5205817-8<br/>KIT SCREWLOCK FEMALE</p> |  <p>TE Part # 282843-2<br/>TERMI-BLOK PCB MOUNT 90 2P.1</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|

Documents

Product Drawings  
TERMINAL,PIDG R 12-10 6-8-10

English

CAD Files  
3D PDF  
3D  
Customer View Model



[ENG\\_CVM\\_CVM\\_54773-1\\_E.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_54773-1\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_54773-1\\_E.3d\\_stp.zip](#)

English

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Agency Approvals

[UL Report](#)

English