

320561 ✓ ACTIVE

PIDG

TE Internal #: 320561

Ring Terminals & Spade Terminals, Ring Tongue, 16 – 14 AWG

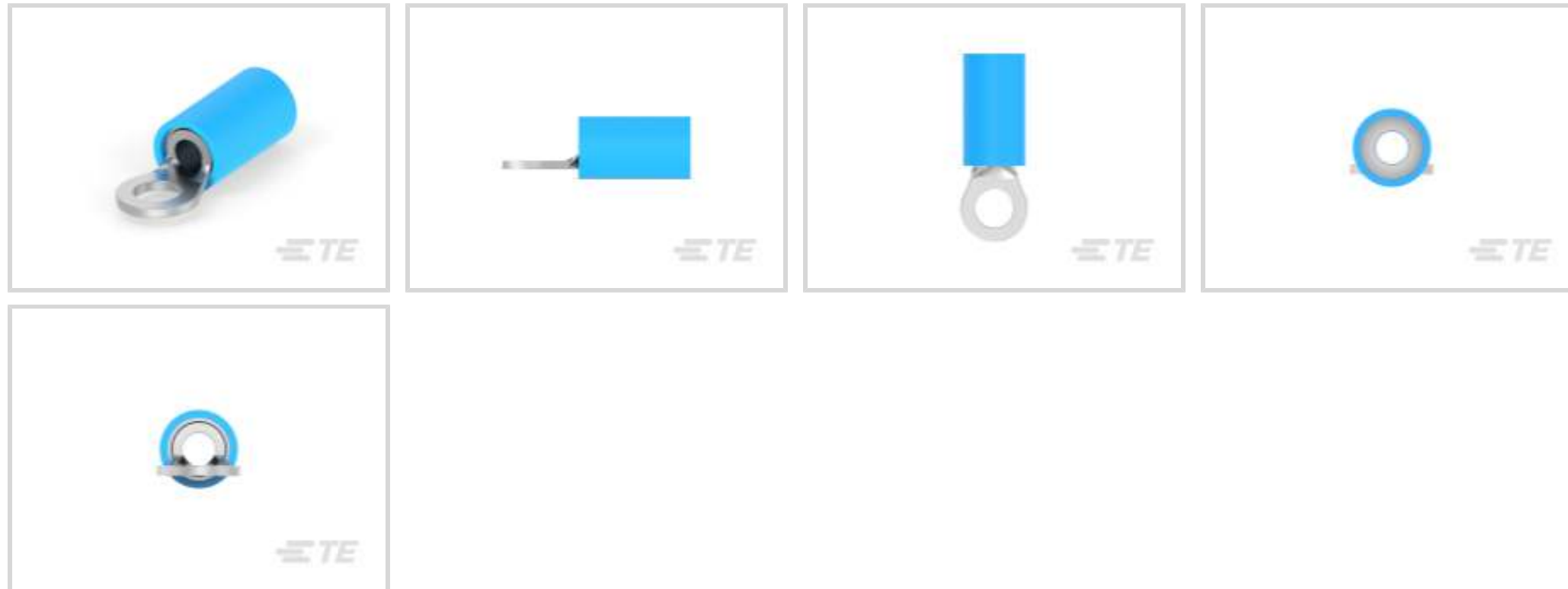
Wire Size, 1.25 – 2 mm<sup>2</sup> Wire Size, 2050 – 5180 CMA Wire Size, Stud

Size #6 / M3.5, PIDG

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Terminals & Splices > Ring Terminals & Spade Terminals > PIDG Ring Tongue Terminals



Ring & Spade Terminal Type: **Ring Tongue**

Wire Size: **2050 – 5180 CMA**

Stud Size: **#6, M3.5**

[All PIDG Ring Tongue Terminals \(421\)](#)

### Features

#### Product Type Features

|  |                        |
|--|------------------------|
| Stud Size                              | #6, M3.5               |
| Sealable                               | No                     |
| Wire Insulation Support Retention Type | Non-Insulation Support |

#### Configuration Features

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

#### Electrical Characteristics

|                |       |
|----------------|-------|
| Voltage Rating | 300 V |
|----------------|-------|

#### Body Features

|                |        |
|----------------|--------|
| Product Weight | .821 g |
|----------------|--------|

#### Contact Features

|                            |             |
|----------------------------|-------------|
| Military Part Class        | Class I     |
| Ring & Spade Terminal Type | Ring Tongue |
| Barrel Type                | Closed      |

|                      |          |
|----------------------|----------|
| Terminal Orientation | Straight |
|----------------------|----------|

|                           |     |
|---------------------------|-----|
| Terminal Plating Material | Tin |
|---------------------------|-----|

### 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 | 17.86 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 | 105 °C[221 °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 | 500 |
|--------------------|-----|

|                  |             |
|------------------|-------------|
| Packaging Method | Loose Piece |
|------------------|-------------|

### 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: JUNE 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<br>Does not contain REACH SVHC |
|--|---|










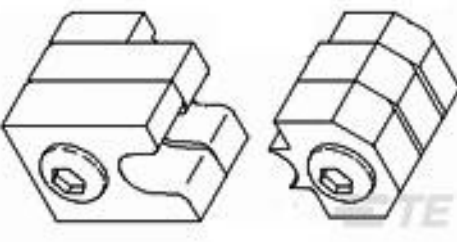




|                           |   |
|---------------------------|---|
| Halogen Content           | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not applicable for solder process capability  |

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 # 58433-3<br/>PRO CR ASSY, RBY IS9252</p> |  <p>TE Part # 59250<br/>T-HEAD PIDG 26-14 ASSY</p>                 |  <p>TE Part # 47387<br/>DAHT PG PIDG 20-14 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 # 525691<br/>DAHT PG PIDG 16-14 ASSY</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 # 47807-1<br/>DIES PIDG 16-14 DIE SET</p>               |  <p>TE Part # 169400<br/>CERTI-LOK FRAME W/O DIES</p> |  <p>TE Part # 1SET191002R0000<br/>TET CRIMP-HT</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

Also in the Series | PIDG

Compression Connectors(17)

Crimp Terminal Housings(1)

Crimp Wire Pins, Tabs & Ferrules(40)

Hand Crimping Tools(2)

Knife Disconnects(11)

PCB Terminals(9)

Quick Disconnects(49)

Ring Terminals & Spade Terminals(861)

Special Purpose Terminals(1)

Splices(47)

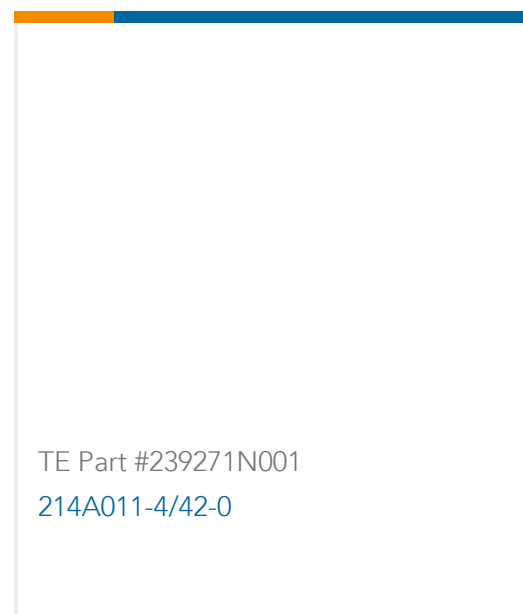
Customers Also Bought

TE Part #201443-2  
50 UNASSM KIT, M SERIES

TE Part #32447  
KNIFE DISCONNECT, PIDG 16-14

TE Part #36153  
PIDG Ring Tongue Terminals

TE Part #2-2176264-2  
RN 0805 845K 0.1% 10PPM 1K RL



## Documents

### Product Drawings

[TERMINAL,PIDG R 16-14 6](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_320561\\_AA.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_320561\\_AA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_320561\\_AA.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[PIDG TERMINALS & SPLICES Quick Reference Guide](#)

English

### Product Specifications

[Application Specification](#)

English

### Product Environmental Compliance

[MD\\_320561\\_10132017045\\_dmtec](#)

English

[MD\\_320561\\_10132017045\\_dmtec](#)

English

### Agency Approvals

[UL Report](#)

English

[UL Report](#)

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English