



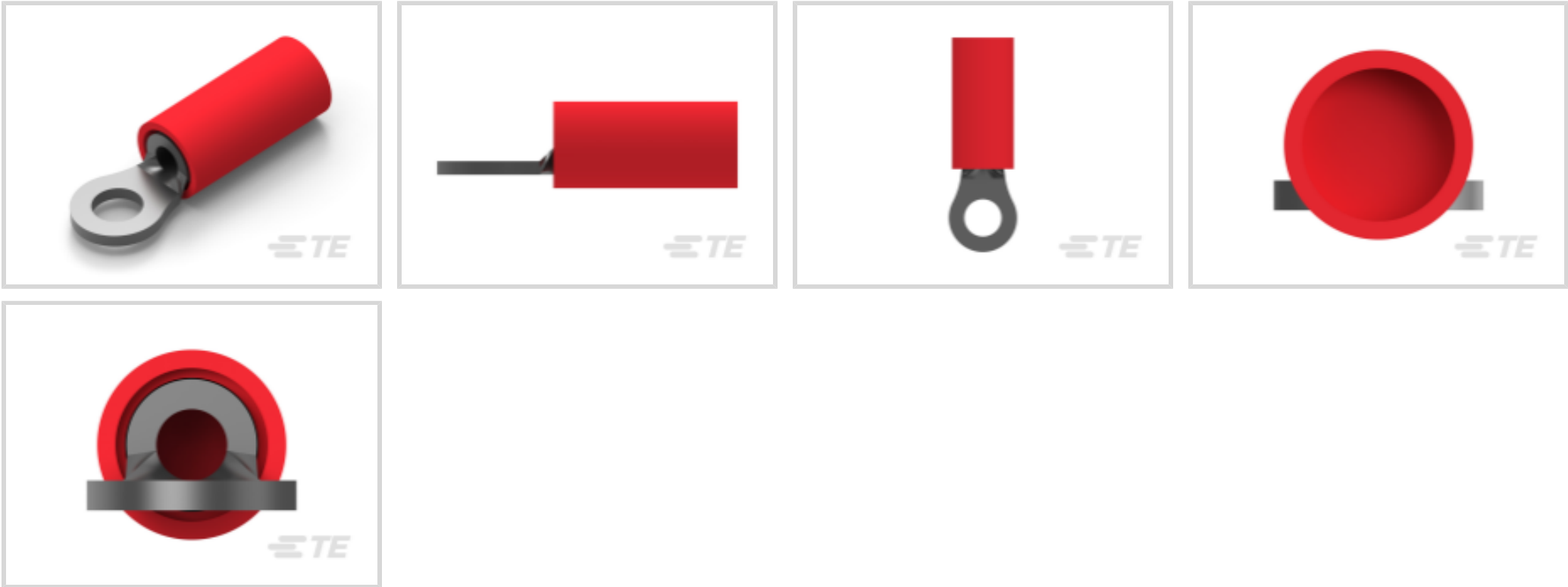
PIDG

TE Internal #: 31880

Closed Ring Tongue Terminal, 22 AWG, M2.5 / #4 Stud Size, 3.02 mm [.119 in] Stud Diameter, Closed Barrel, Straight, Tin, Partially Insulated, PIDG

[View on TE.com >](#)

Terminals & Splices > Ring Terminals > PIDG Ring Tongue Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 509 - 3260 CMA

Stud Size: #4, M2.5

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

Features

Product Type Features

|                                        |                             |
|----------------------------------------|-----------------------------|
| Ring Terminal Product Type             | Closed Ring Tongue Terminal |
| Stud Size                              | #4, M2.5                    |
| Wire Insulation Support Retention Type | Insulation Support          |

Configuration Features

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

Body Features

|                         |        |
|-------------------------|--------|
| Insulation Sleeve Color | Red    |
| Stripe Color            | Red    |
| Product Weight          | .637 g |

Contact Features

|                           |          |
|---------------------------|----------|
| Military Part Class       | Class I  |
| Barrel Type               | Closed   |
| Terminal Orientation      | Straight |
| Terminal Plating Material | Tin      |

Mechanical Attachment

|                         |      |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

Dimensions

|                                      |                               |
|--------------------------------------|-------------------------------|
| Wire Size                            | 509 - 3260 CMA                |
| Stud Diameter                        | 3.02 mm[.119 in]              |
| Tongue Thickness                     | .79 mm[.031 in]               |
| Product Length                       | 17.07 mm[.672 in]             |
| Compatible Insulation Diameter (Max) | 3.56 mm[.14 in]               |
| Compatible Insulation Diameter Range | 2.67 - 3.56 mm[.105 - .14 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 | 1000        |
| 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: 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 # 47386<br/>DAHT PG PIDG 26-16 ASSY</p>   |  <p>TE Part # 47386-4<br/>DAHT PG PIDG 26-16 ASSY</p> |  <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 # 58423-1<br/>DIE, RBY IS9252</p>         |  <p>TE Part # 525690<br/>DAHT PG PIDG 20-18 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 # 47806-2<br/>DIES PIDG 22-16 DIE SET</p> |  <p>TE Part # 59300<br/>T-HEAD PIDG PG 26-16 ASSY</p> |  <p>TE Part # 6-1377173-6<br/>SMP 0-0031880-0</p>     |



TE Part # 169400  
CERTI-LOK FRAME W/O DIES

TE Part # 2392021-2  
RED BATTERY DAHT KIT 220V (47689-4)

TE Part # 2392021-1  
RED BATTERY DAHT KIT 110V (47689-4)

TE Part # 169404  
CERTI-LOK DIE

TE Part # 1SET191002R0000  
TET CRIMP-HT

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(5)

Quick Disconnects(47)

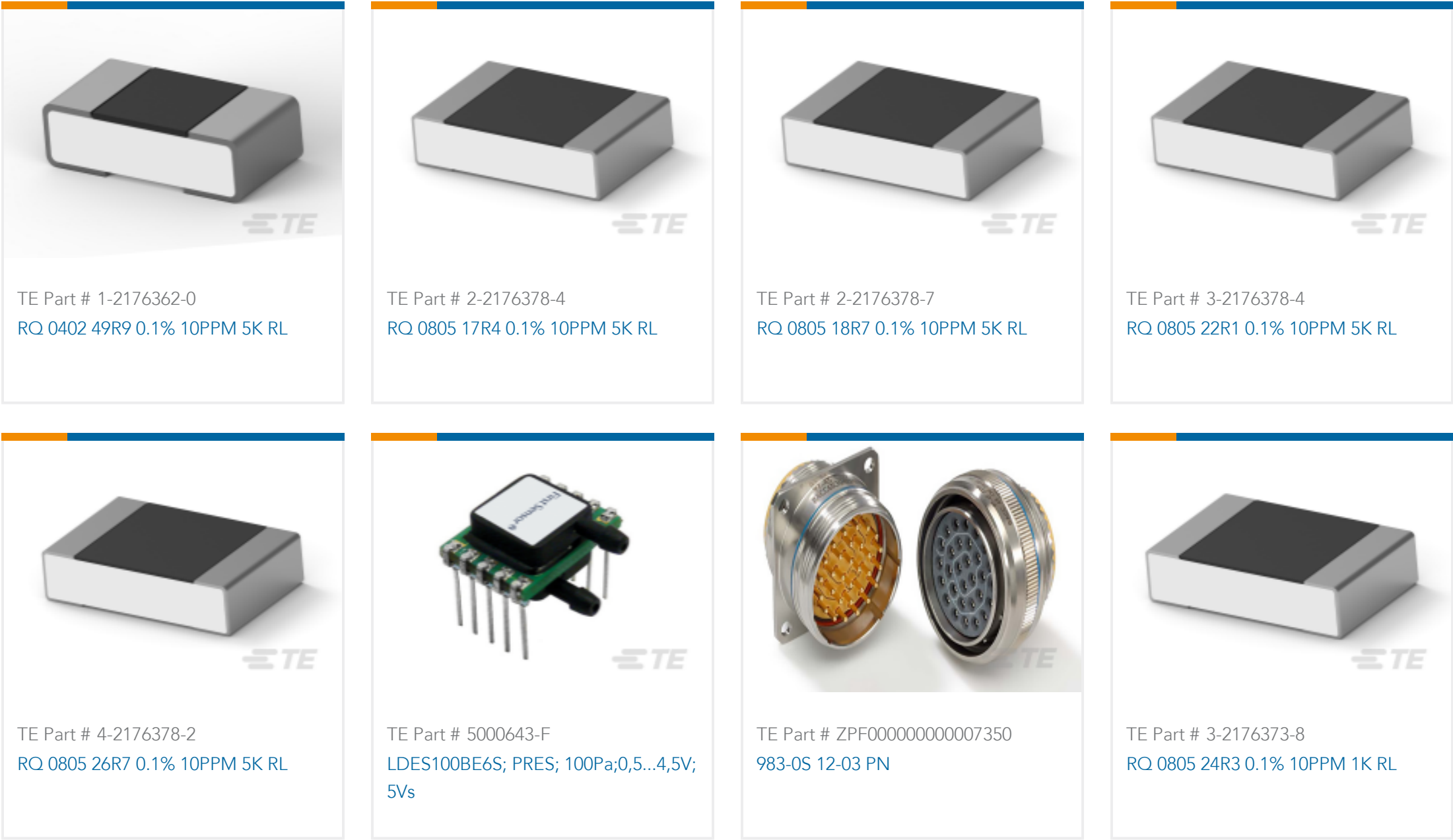
Ring Terminals(589)

Spade Terminals(230)

Special Purpose Terminals(1)

Splices(43)

Customers Also Bought



Documents

Product Drawings  
PIDG R 22-16 COMM 22-18 MIL 4  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_31880\_AA.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_31880\_AA.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_31880\_AA.3d\_stp.zip  
English  
Customer View Model  
ENG\_CVM\_31880\_T.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_31880\_T.3d\_stp.zip  
English  
Customer View Model  
ENG\_CVM\_31880\_T.2d\_dxf.zip  
English  
3D PDF  
English

31880

Closed Ring Tongue Terminal, 22 AWG, M2.5 / #4 Stud Size, 3.02 mm [.119 in] Stud Diameter, Closed Barrel, Straight, Tin, Partially Insulated, PIDG



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

**Agency Approvals**  
**UL Report**  
English