



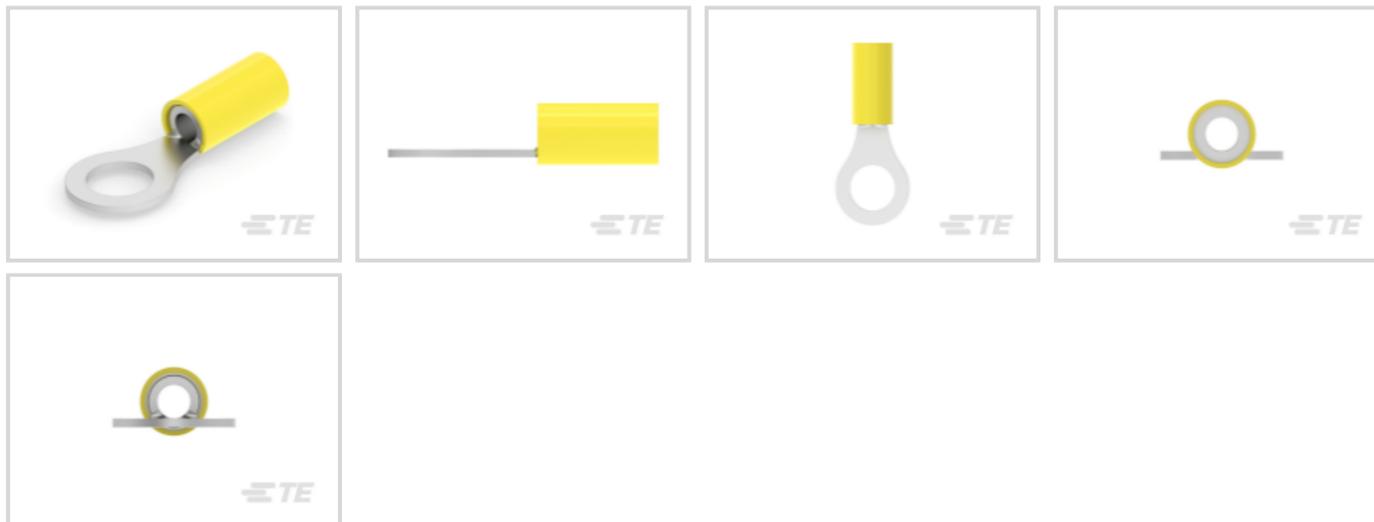
PIDG

TE Internal #: 2-320576-1

Closed Ring Tongue Terminal, 12 – 10 AWG, 5/16 / M8 Stud, 7.92 mm [.312 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Partially Insulated

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Terminals & Splices > Ring Terminals > PIDG Ring Tongue Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 5180 – 13100 CMA

Stud Size: 5/16, M8

[All PIDG Ring Tongue Terminals \(410\)](#)

Features

Product Type Features

|  |                             |
|--|-----------------------------|
| Ring Terminal Product Type             | Closed Ring Tongue Terminal |
| Stud Size                              | 5/16, M8                    |
| Sealable                               | No                          |
| Wire Insulation Support Retention Type | Insulation Support          |

Configuration Features

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

Electrical Characteristics

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

Body Features

|                |         |
|----------------|---------|
| Product Weight | 3.087 g |
|----------------|---------|

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 | 7.92 mm [.312 in] |
|---------------|-------------------|

|                  |                  |
|------------------|------------------|
| Tongue Thickness | .79 mm [.031 in] |
|------------------|------------------|

|                |                     |
|----------------|---------------------|
| Product Length | 35.58 mm [1.322 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 – 105 °C [0 – 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 | 2500 |
|--------------------|------|

|                  |              |
|------------------|--------------|
| Packaging Method | Tape Mounted |
|------------------|--------------|

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
|--|---|

|                 |   |
|-----------------|---|
| Halogen Content | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC |
|-----------------|---|

Free

Solder Process Capability

Not applicable for solder process capability

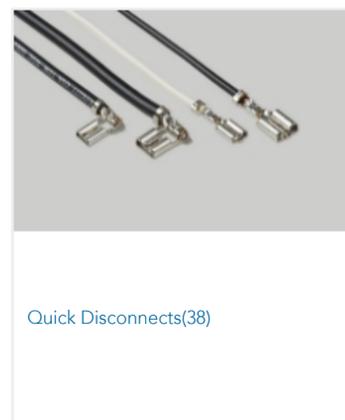
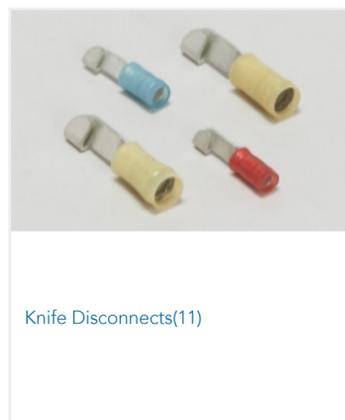
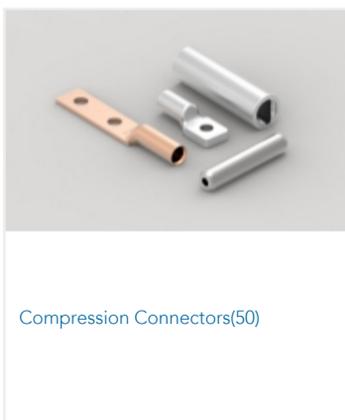
Product Compliance Disclaimer

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

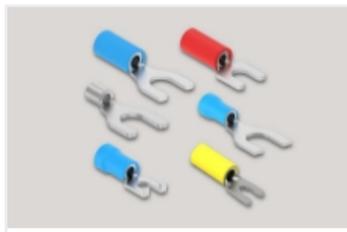


### Also in the Series | PIDG





Ring Terminals(589)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)

## Customers Also Bought



TE Part #TRA6927M3NW-001  
OMNI,Ph,NMO,698/1710 MHz WHT,3 dBi,100W,



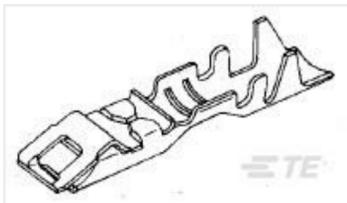
TE Part #CB7837-000  
RW-200-3/16-0-SP



TE Part #2-33457-2  
TERMINAL,SOLIS R 12-10 10



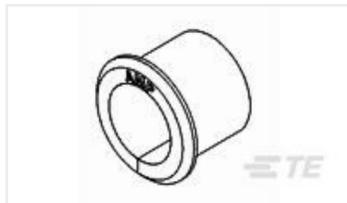
TE Part #CAT-P592-R472A  
PIDG Ring Tongue Terminals



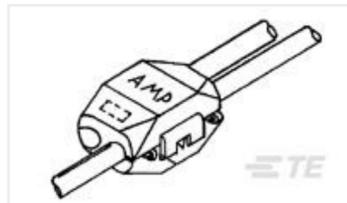
TE Part #5-87278-1  
LOCKING CLIP ASSY 31X62 LP



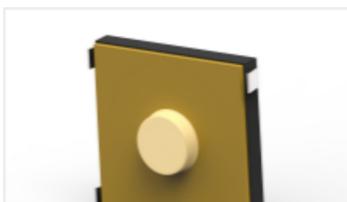
TE Part #323166  
STRATO-THERM, HR 8 1/4 NIPL



TE Part #2-350375-0  
MR SPLT GROMET .296 DIA BLK LF



TE Part #735410  
ELECTRO TAP ASSY



TE Part #2337235-1  
TACT MICRO JB 4.6X4.4X1.05 P3.5 PH 100GF

## Documents

### Product Drawings

[TERMINAL,PIDG R 12-10 5/16](#)

English

### CAD Files

[3D PDF](#)

[3D](#)

### Customer View Model

[ENG\\_CVM\\_CVM\\_2-320576-1\\_S.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2-320576-1\\_S.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2-320576-1\\_S.3d\\_stp.zip](#)

English

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**Product Specifications**

[Application Specification](#)

English

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**Instruction Sheets**

[Instruction Sheet \(U.S.\)](#)

English

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**Agency Approvals**

[UL Report](#)

English