



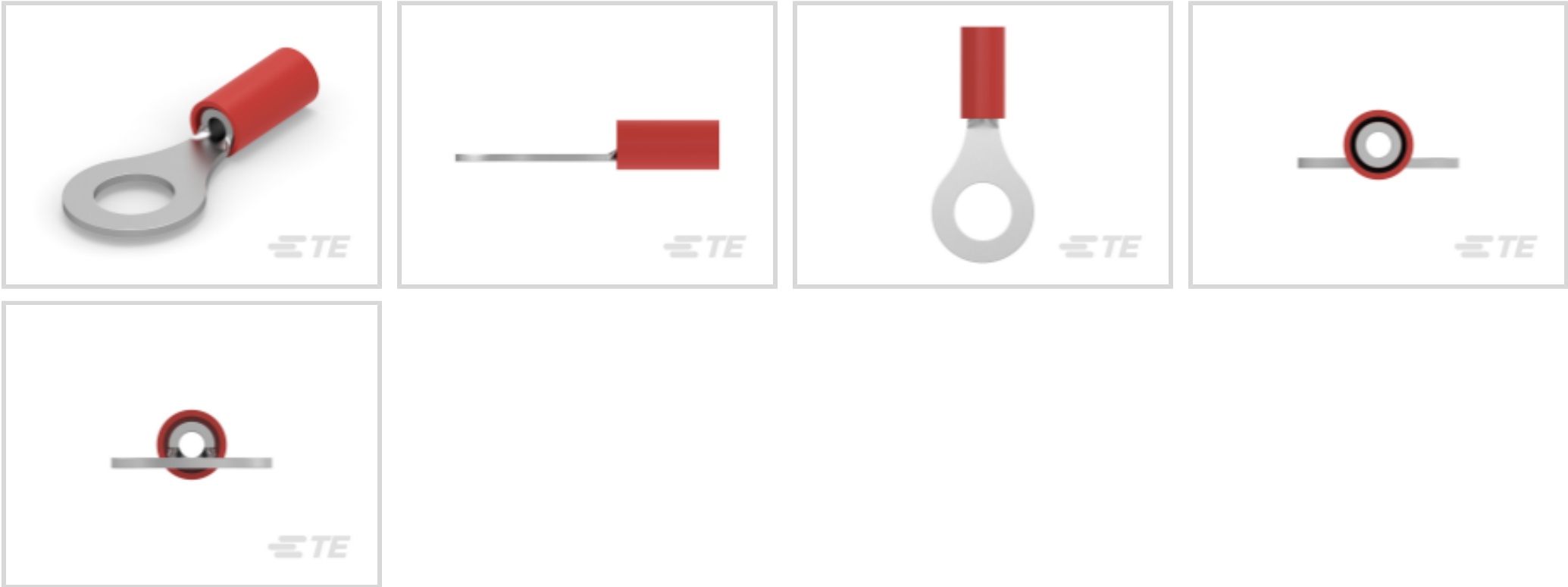
PIDG

TE Internal #: 8-320571-1

Closed Ring Tongue Terminal, 18 AWG, 1/4 / M6 Stud, 6.35 mm [.25 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, 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: 1900 CMA

Stud Size: 1/4, M6

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

Features

Product Type Features

|                                        |                             |
|----------------------------------------|-----------------------------|
| Ring Terminal Product Type             | Closed Ring Tongue Terminal |
| Stud Size                              | 1/4, M6                     |
| Sealable                               | No                          |
| Wire Insulation Support Retention Type | Insulation Restriction      |

Configuration Features

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

Electrical Characteristics

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

Body Features

|                |         |
|----------------|---------|
| Product Weight | 1.213 g |
| Stripe Color   | White   |

Contact Features

|             |        |
|-------------|--------|
| Barrel Type | Closed |
|-------------|--------|



|                           |          |
|---------------------------|----------|
| Terminal Orientation      | Straight |
| Terminal Plating Material | Tin      |

Mechanical Attachment

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

Dimensions

|                                      |                               |
|--------------------------------------|-------------------------------|
| Wire Size                            | 1900 CMA                      |
| Stud Diameter                        | 6.35 mm[.25 in]               |
| Tongue Thickness                     | .79 mm[.031 in]               |
| Product Length                       | 27.38 mm[1.08 in]             |
| Compatible Insulation Diameter (Max) | 2.79 mm[.11 in]               |
| Compatible Insulation Diameter Range | 1.42 – 2.79 mm[.056 – .11 in] |

Usage Conditions

|                   |                     |
|-------------------|---------------------|
| Insulation Option | Partially Insulated |
|-------------------|---------------------|

Operation/Application

|                                       |        |
|---------------------------------------|--------|
| Compatible With Wire Base Material    | Copper |
| Compatible With Wire Plating Material | Tin    |

Industry Standards

|                               |    |
|-------------------------------|----|
| Government Qualified Terminal | No |
|-------------------------------|----|

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 100         |
| 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 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC                                                |



Free

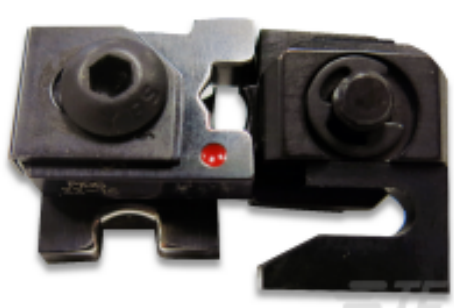
Solder Process Capability

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



TE Part # 47806-2  
DIES PIDG 22-16 DIE SET



TE Part # 58423-1  
DIE, RBY IS9252



TE Part # 47386  
DAHT PG PIDG 26-16 ASSY



TE Part # 58433-3  
PRO CR ASSY, RBY IS9252



TE Part # 539691-2  
ERGO DIE R.B.Y



TE Part # 169404  
CERTI-LOK DIE



TE Part # 2063030-1  
SDE DIESET, RBY, UL



TE Part # 59300  
T-HEAD PIDG PG 26-16 ASSY



TE Part # 59824-1  
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY



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



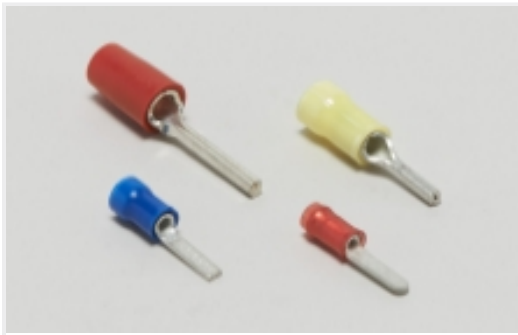
TE Part # 59250  
T-HEAD PIDG 26-14 ASSY

Also in the Series | PIDG





Compression Connectors(17)



Crimp Wire Pins, Tabs & Ferrules(41)



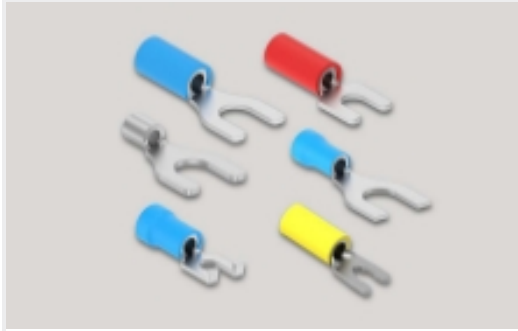
Hand Crimping Tools(2)



Knife Disconnects(11)



Ring Terminals(588)



Spade Terminals(228)

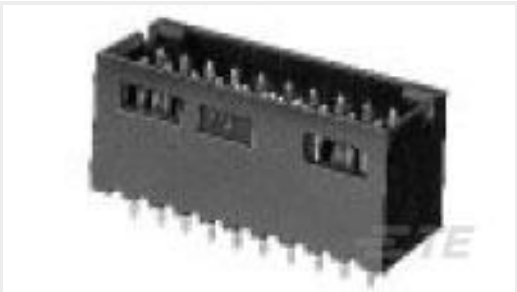


Special Purpose Terminals(1)



Splices(41)

Customers Also Bought



TE Part #5-87589-1  
10 MODII HDR DRST SHRD .100CL



TE Part #62139-1  
187 FASTON REC 20-16 AWG TPBR



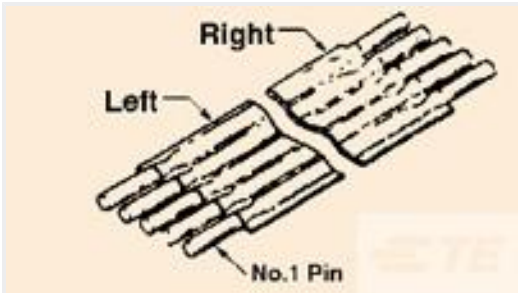
TE Part #770064-1  
01P .093 COMM P&S PLUG HSG



TE Part #6-2176306-0  
RP 1E 0.1W 4K75 0.1% 25PPM 5K RL



TE Part #643030-2  
05P UMNL STR/REL V2 NATL



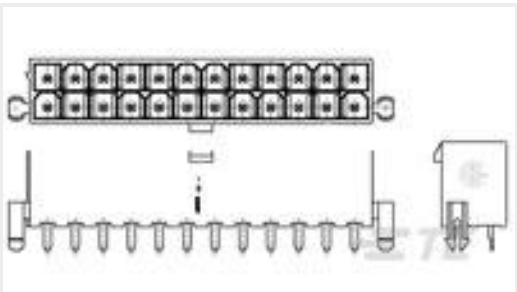
TE Part #3-1437175-9  
FSP-21A



TE Part #2-34126-2  
TERMINAL,SOLIS R 16-14 3/8



TE Part #794199-1  
12P MINI UMNL2 CAP HSG DBLROW



TE Part #2029265-6  
6P VAL-U-LOK VRTHDR W/PGS GW



TE Part #2-320571-5  
TERMINAL,PIDG R IR 18 1/4

Documents



Product Drawings

PIDG R 22-16 COMM 22-18MIL 1/4

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_8-320571-1\_AE.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_8-320571-1\_AE.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_8-320571-1\_AE.3d\_stp.zip

English

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

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English