

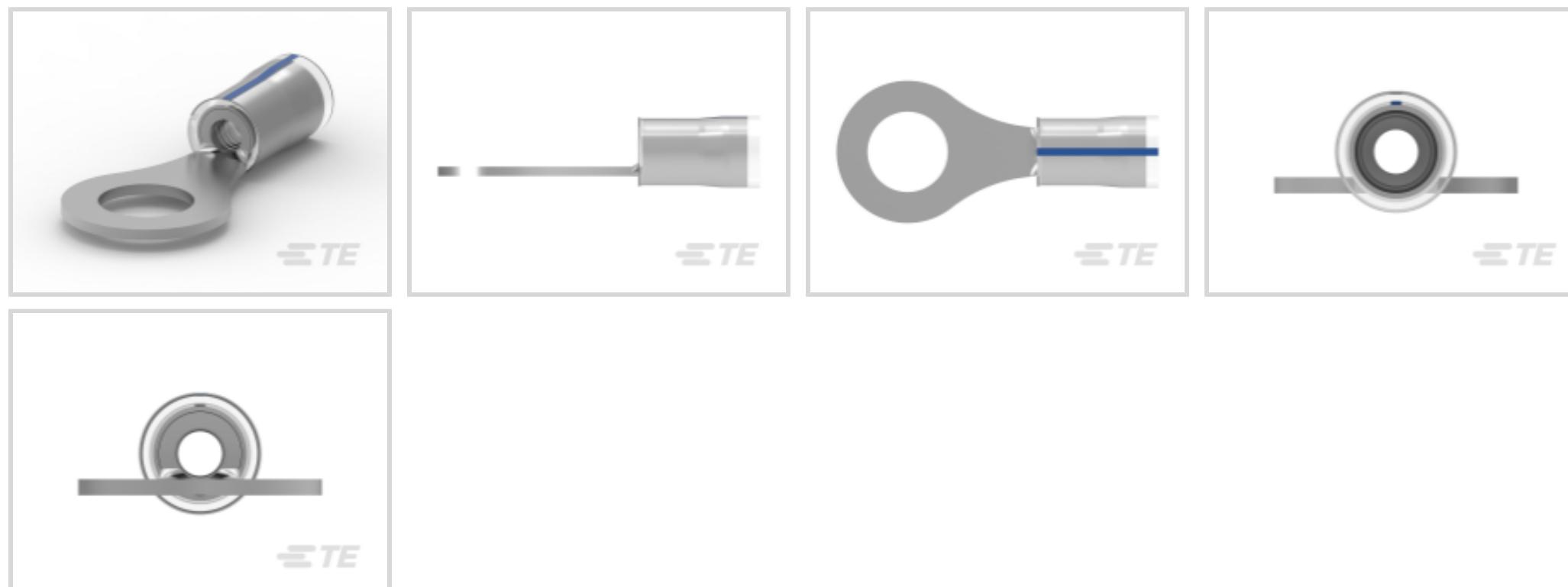
PIDG

TE Internal #: 8-53419-1

Closed Ring Tongue Terminal, 16 AWG, M6 Stud Size, 6.73 mm [.
 265 in] Stud Diameter, Closed Barrel, Straight, Tin-Lead, Partially
 Insulated, PIDG

[View on TE.com >](#)

Terminals & Splices > Ring Terminals > PIDG Radiation Resistant C Rings/Spades



Ring Terminal Product Type: **Closed Ring Tongue Terminal**

Wire Size: **2050 - 5180 CMA**

Stud Size: **M6**

[All PIDG Radiation Resistant C Rings/Spades \(36\)](#)

Features

Product Type Features

| | |
|--|-----------------------------|
| Ring Terminal Product Type | Closed Ring Tongue Terminal |
| Stud Size | M6 |
| Sealable | No |
| Wire Insulation Support Retention Type | Insulation Support |

Configuration Features

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

Body Features

| | |
|-------------------------|---------|
| Insulation Sleeve Color | Natural |
|-------------------------|---------|

Contact Features

| | |
|---------------------------|----------|
| Barrel Type | Closed |
| Terminal Orientation | Straight |
| Terminal Plating Material | Tin-Lead |

Mechanical Attachment

Wire Insulation Support

With

Dimensions

| | |
|--------------------------------------|--------------------------------|
| Wire Size | 2050 - 5180 CMA |
| Stud Diameter | 6.73 mm [.265 in] |
| Tongue Thickness | .84 mm [.033 in] |
| Product Length | 27.38 mm [1.078 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 | 150 °C [302 °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 | 100 |
| Packaging Method | Loose Piece |

Product Compliance

For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Not Compliant |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (13% in Component Part) |
| Halogen Content | Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| | Not Low Halogen - contains Br or Cl > 900 ppm. |

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



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



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



TE Part # 47387
DAHT PG PIDG 20-14 ASSY



TE Part # 58423-1
DIE, RBY IS9252



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



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



TE Part # 47807-1
DIES PIDG 16-14 DIE SET



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



TE Part # 169404
CERTI-LOK DIE

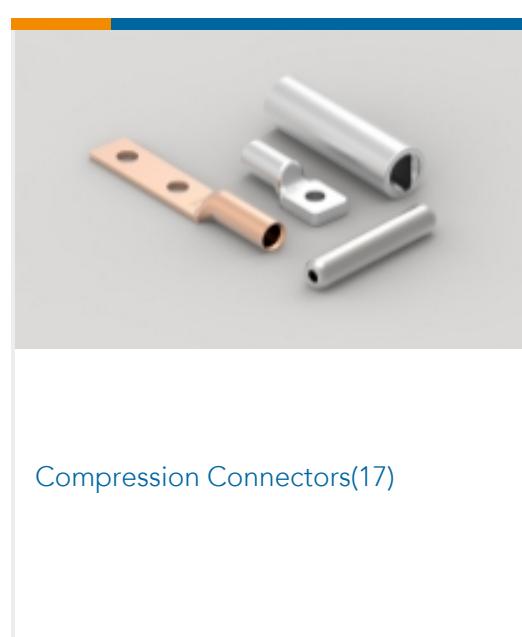


TE Part # 1SET191001R0000
CRIMP-HT

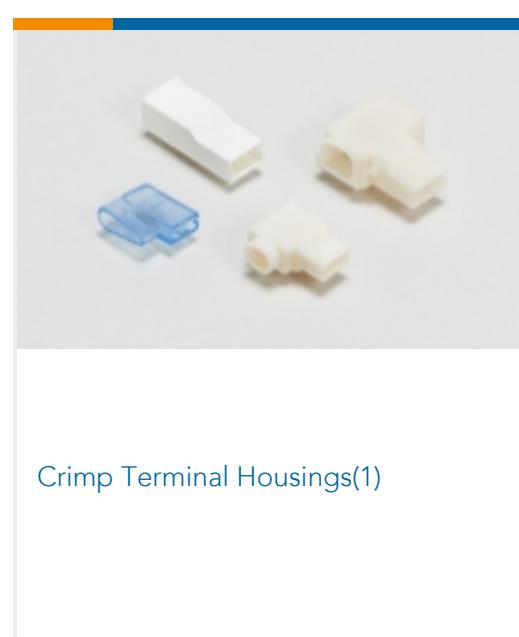


TE Part # 1SET191002R0000
TET CRIMP-HT

Also in the Series | PIDG



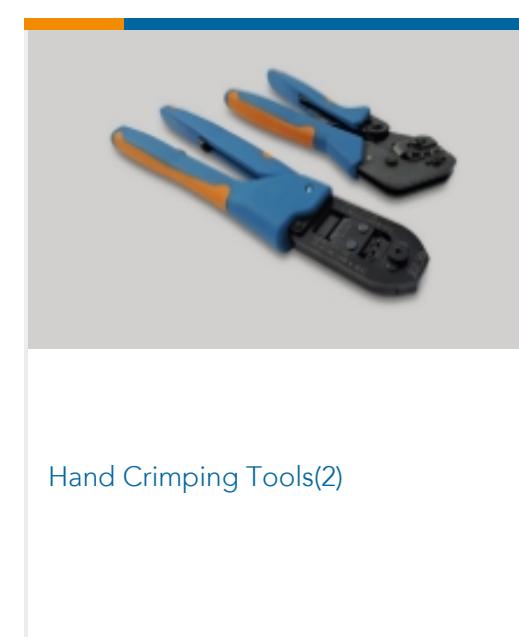
Compression Connectors(17)



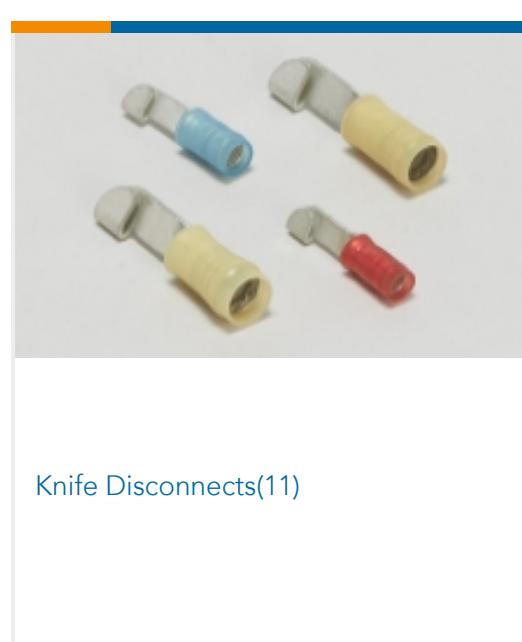
Crimp Terminal Housings(1)



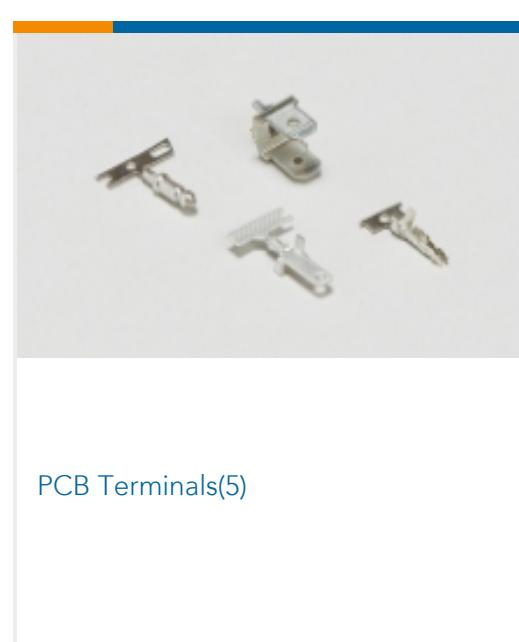
Crimp Wire Pins, Tabs & Ferrules(41)



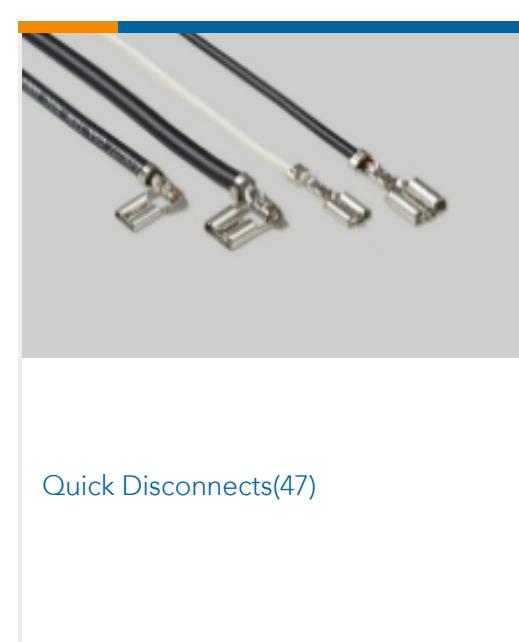
Hand Crimping Tools(2)



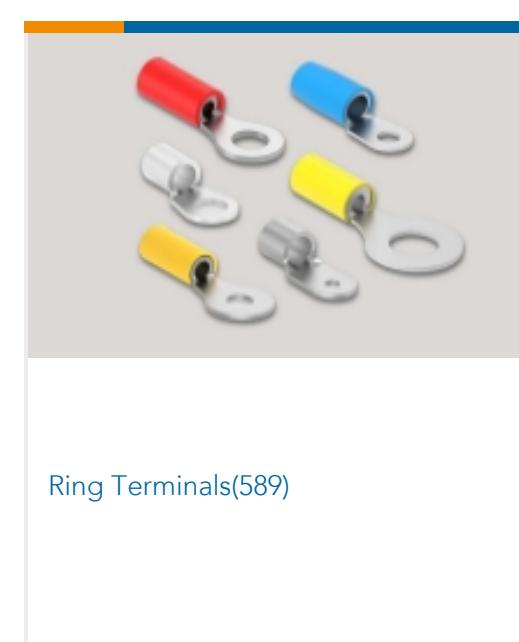
Knife Disconnects(11)



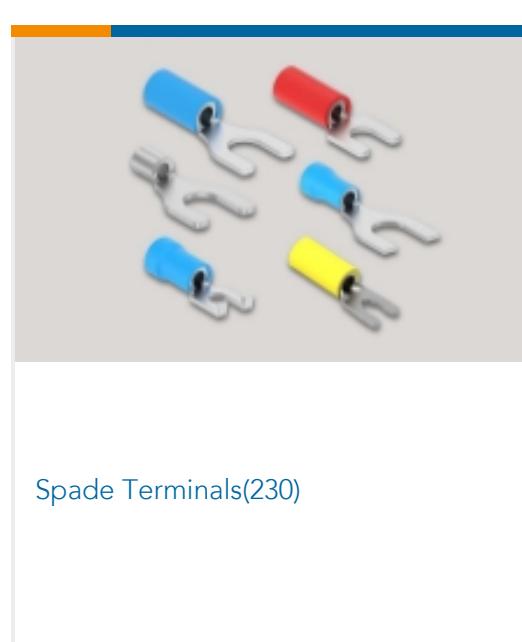
PCB Terminals(5)



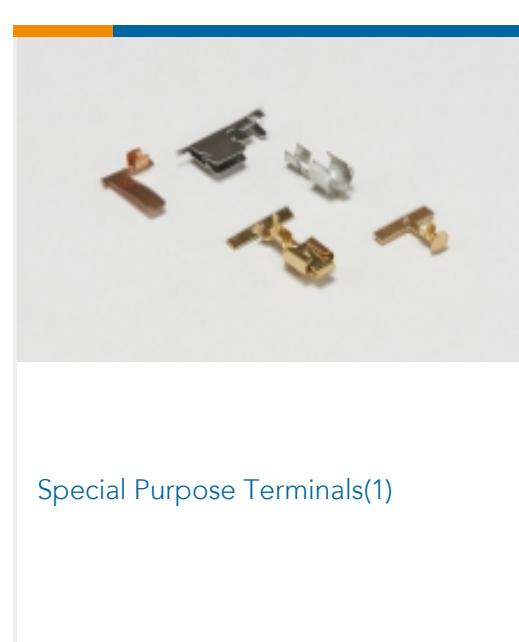
Quick Disconnects(47)



Ring Terminals(589)



Spade Terminals(230)



Special Purpose Terminals(1)



Splices(43)

Customers Also Bought

TE Part # DT04-2P
REC, 2P, GRY, NTE Part # W2S
Wedgelocks: DEUTSCH DTTE Part # 0460-202-16141
DEUTSCH Solid ContactsTE Part # 282104-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSINGTE Part # DT06-2S
PLG, 2P, GRY, NTE Part # 281934-2
SINGLE WIRE SEALTE Part # 114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

Documents

Product Drawings**TERMINAL,PIDG PVF2 R 16-14 1/4**

English

CAD Files

Customer View Model

[ENG_CVM_8-53419-1_R1.3d_jgs.zip](#)

English

Customer View Model

[ENG_CVM_8-53419-1_R1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_8-53419-1_R1.2d_dxf.zip](#)

English

3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.**Datasheets & Catalog Pages****RADIATION_RESISTANT_PRE-INSULATED_TERMINALS_SPLICES**

English