



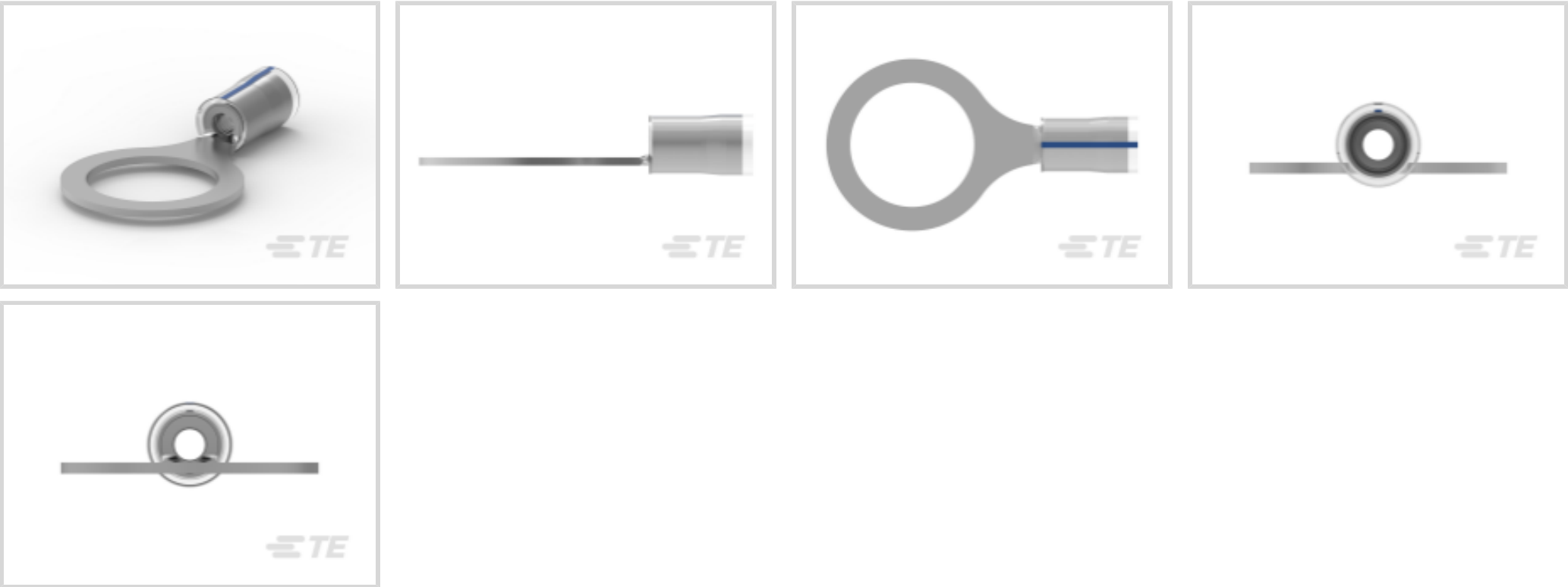
PIDG

TE Internal #: 53422-1

Closed Ring Tongue Terminal, 16 AWG, 1/2 / M12 Stud, 13.08 mm [.515 in] Stud Diameter, Closed Barrel, Straight, Tin-Lead Plating, 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: 1/2, M12

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

Features

Product Type Features

| | |
|--|-----------------------------|
| Ring Terminal Product Type | Closed Ring Tongue Terminal |
| Stud Size | 1/2, M12 |
| Sealable | No |
| Wire Insulation Support Retention Type | Insulation Support |

Configuration Features

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

Body Features

| | |
|-------------------------|---------|
| Insulation Sleeve Color | Natural |
| Stripe Color | Blue |

Contact Features

| | |
|---------------------------|----------|
| Military Part Class | Class I |
| 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 | 13.08 mm[.515 in] |
| Tongue Thickness | .84 mm[.033 in] |
| Product Length | 32.84 mm[1.293 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 |
|-------------------|---------------------|

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 | 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 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (13% in 4690948374) 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. |
| Halogen Content | 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 # 2392022-1 BLUE BATTERY DAHT KIT 110V (47387-7) | 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 # 47387-7 DAHT PG PIDG 16-12 ASSY | TE Part # 47807-1 DIES PIDG 16-14 DIE SET | TE Part # 132246-3 TERMINAL RING TONGUE PIDG 22 18 | TE Part # 58423-1 DIE, RBY IS9252 |
| | | | |
| TE Part # 58433-3 PRO CR ASSY, RBY IS9252 | TE Part # 2392022-2 BLUE BATTERY DAHT KIT 220V (47387-7) | TE Part # 169400 CERTI-LOK FRAME W/O DIES | TE Part # 47387 DAHT PG PIDG 20-14 ASSY |



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




TE Part # 525691
DAHT PG PIDG 16-14 ASSY



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

Also in the Series | PIDG




Compression Connectors(17)




Crimp Wire Pins, Tabs & Ferrules(41)



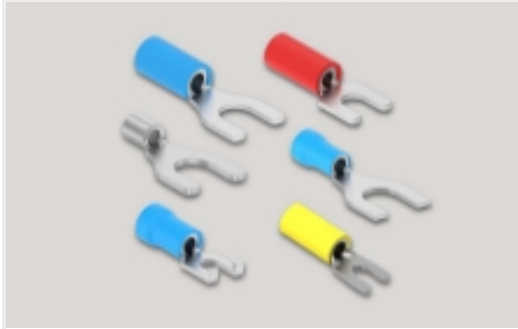
Knife Disconnects(11)




Quick Disconnects(38)



Ring Terminals(588)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)


Customers Also Bought



TE Part #2-520264-2
ULTRAFAST 250 ASSY REC 22-18
TPBR LP



TE Part #350211-1
04P CMNL HDR ASSY PC




TE Part #53427-1
TERMINAL,PIDG PVF2 R 12-10



TE Part #1-1546306-0
10P.374" DR BARRIER STRIP



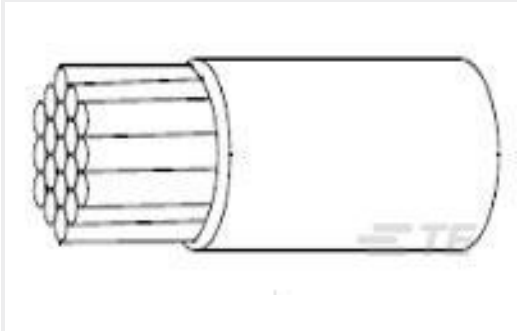
TE Part #1-770849-0
10P SL156 HSG W/LCK RMP & TABS



TE Part #1410946-3
MULTI-GIG SOC. CAP SCREW,
CUSTOMIZED HDW



TE Part #35151
TERMINAL,PIDG R 12-10 1/2



TE Part #216370-000
22759/32-16-0



Documents

Product Drawings

TERMINAL,PIDG PVF2 R 16-14 1/2

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_53422-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_53422-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_53422-1_D.3d_stp.zip

English

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