

53423-1 ✓ ACTIVE



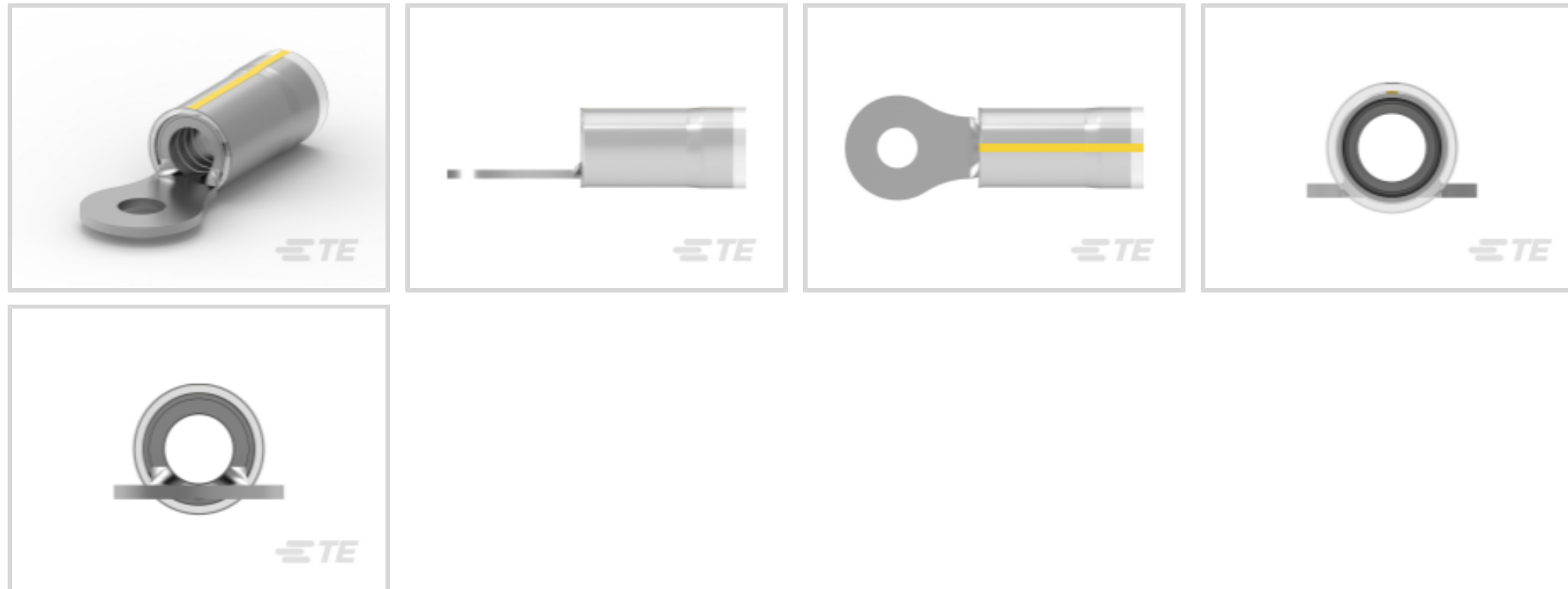
PIDG

TE Internal #: 53423-1

Closed Ring Tongue Terminal, 12 – 10 AWG, #6 / M3.5 Stud, 3.68 mm [.145 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: 5180 – 13100 CMA

Stud Size: #6, M3.5

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

Features

Product Type Features

| | |
|--|-----------------------------|
| Ring Terminal Product Type | Closed Ring Tongue Terminal |
| Stud Size | #6, M3.5 |
| Sealable | No |
| Wire Insulation Support Retention Type | Insulation Support |

Configuration Features

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

Body Features

| | |
|-------------------------|---------|
| Insulation Sleeve Color | Natural |
| Stripe Color | Yellow |

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 | 5180 – 13100 CMA |
| Stud Diameter | 3.68 mm [.145 in] |
| Tongue Thickness | 1.07 mm [.042 in] |
| Product Length | 27.5 mm [1.083 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 – 150 °C [0 – 302 °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 | 500 |
| 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 | 有害物质含量超出标准 Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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>

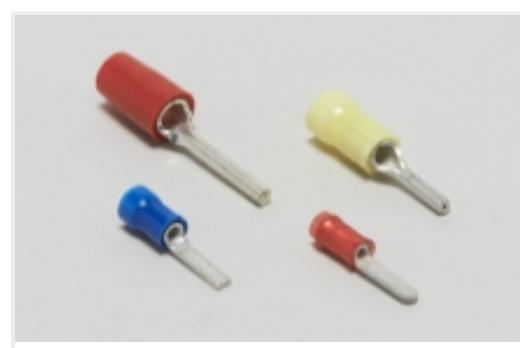
Compatible Parts

| | | | |
|---|---|--|--|
|  <p>TE Part # 59239-4 HHTT PIDG PG 12-10 ASSY</p> |  <p>TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p> |  <p>TE Part # 169400 CERTI-LOK FRAME W/O DIES</p> |  <p>TE Part # 47808-6 DIES PIDG 12-10 DIE SET</p> |
|  <p>TE Part # 132246-3 TERMINAL RING TONGUE PIDG 22 18</p> |  <p>TE Part # 58433-3 PRO CR ASSY, RBY IS9252</p> |  <p>TE Part # 58423-1 DIE, RBY IS9252</p> |  <p>TE Part # 2063030-1 SDE DIESET, RBY, UL</p> |
|  <p>TE Part # 539691-2 ERGO DIE R.B.Y</p> |  <p>TE Part # 169404 CERTI-LOK DIE</p> | | |

Also in the Series | PIDG



Compression Connectors(50)



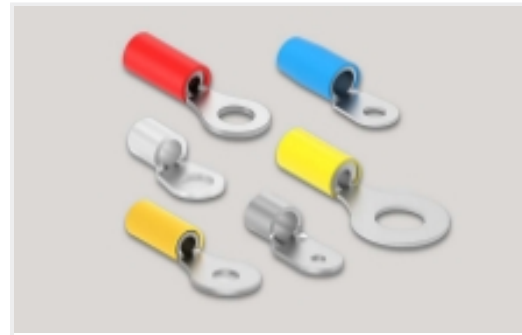
Crimp Wire Pins, Tabs & Ferrules(39)



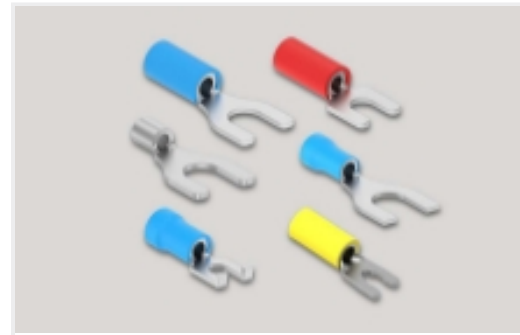
Knife Disconnects(11)



Quick Disconnects(38)



Ring Terminals(587)



Spade Terminals(228)

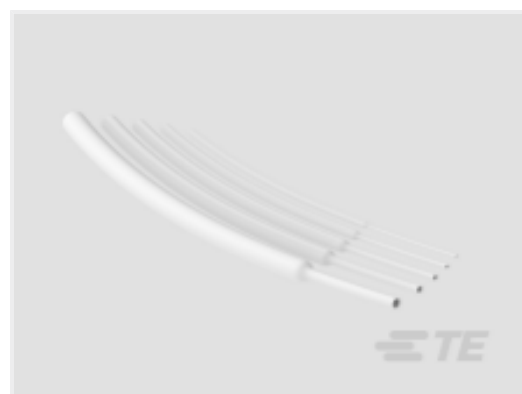
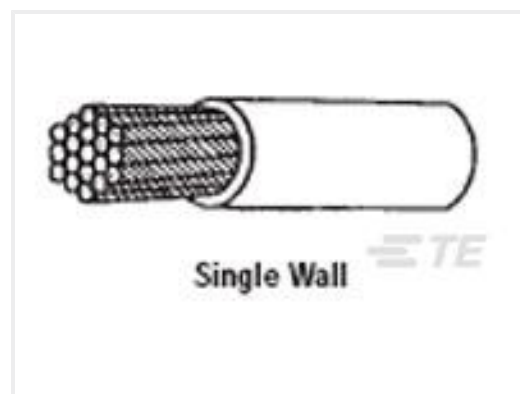
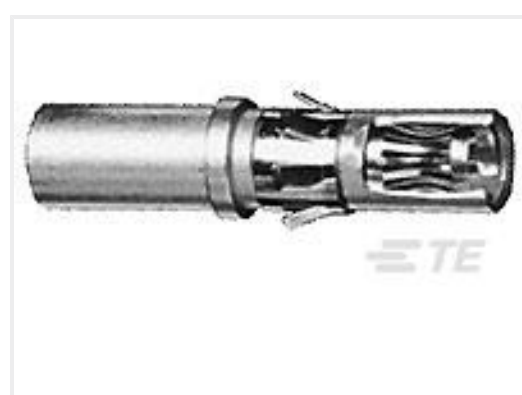


Special Purpose Terminals(1)



Splices(41)

Customers Also Bought

TE Part #NB14614001
VERSAFIT-3/8-9-SPTE Part #011083-000
82A0111-8-9TE Part #42506-2
250 FASTON TAB TPBRTE Part #CAT-P592-R472
PIDG Radiation Resistant C Rings
/SpadesTE Part #193643-1
SKT ASSY. ,POWER, #10-12 AWGTE Part #213426-1
PLG HSG,3 POWR,12 SGNL,METRITE Part #2-1630019-4
HSC200 56R 5%TE Part #2081376-1
CA,FAKRA F TO F,RG174LL,NO SLIP,
300MM

Documents

Product Drawings

[TERMINAL,PIDG PVF2 R 12-10 6](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_53423-1_K.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_53423-1_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_53423-1_K.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English