

53412-1 ✓ ACTIVE

PIDG

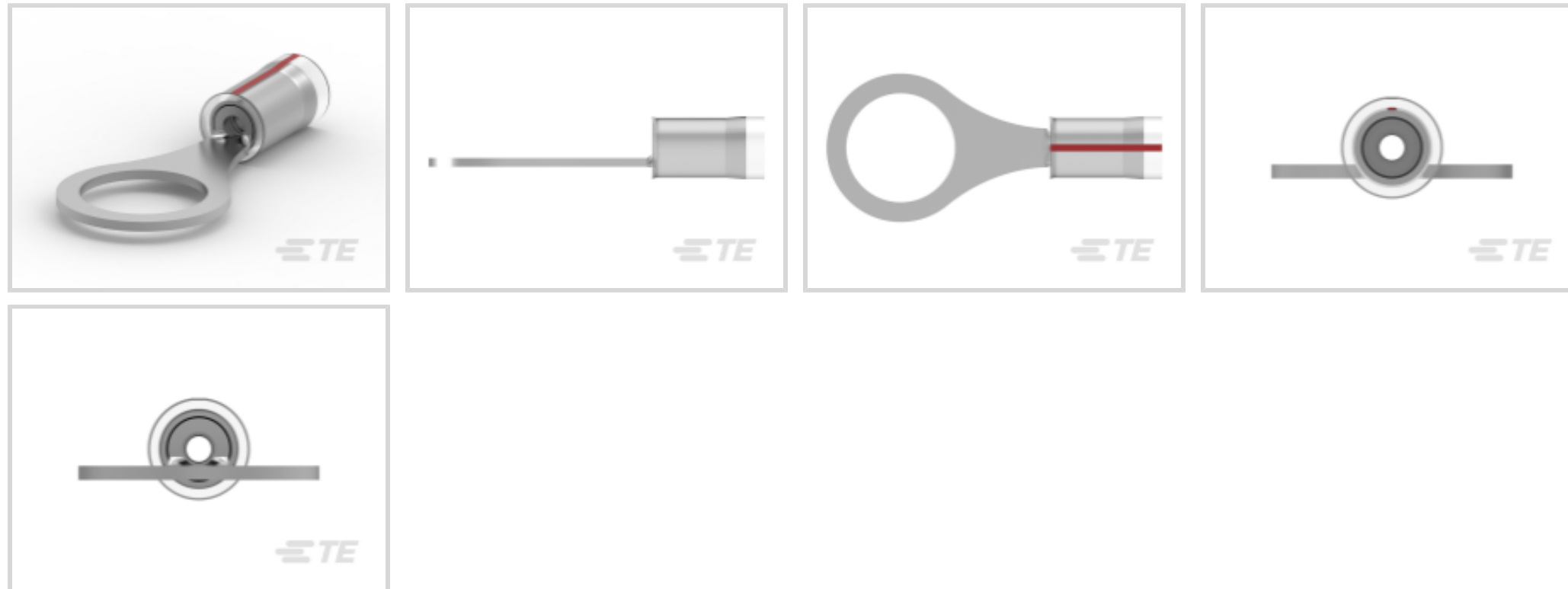
TE Internal #: 53412-1

Closed Ring Tongue Terminal, 22 AWG, 3/8 Stud Size, 9.91 mm 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: 509 – 3260 CMA

Stud Size: 3/8

[All PIDG Radiation Resistant C Rings/Spades \(39\)](#)

### Features

#### Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	3/8
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

#### Configuration Features

Number of Holes	1
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#### Body Features

Insulation Sleeve Color	Natural
Stripe Color	Red

#### Contact Features

Military Part Class	Class I
Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin-Lead



### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	9.91 mm
Tongue Thickness	.79 mm[.031 in]
Product Length	30.94 mm[1.218 in]
Compatible Insulation Diameter (Max)	3.18 mm[.125 in]
Compatible Insulation Diameter Range	2.03 – 3.18 mm[.08 – .125 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	Yes
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### 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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (13% in Component Part)

#### 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.












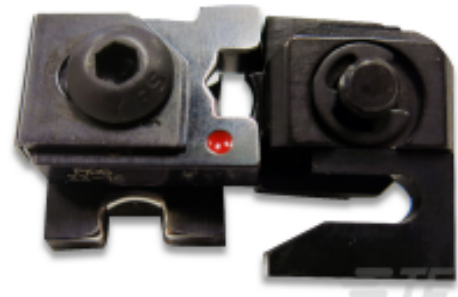
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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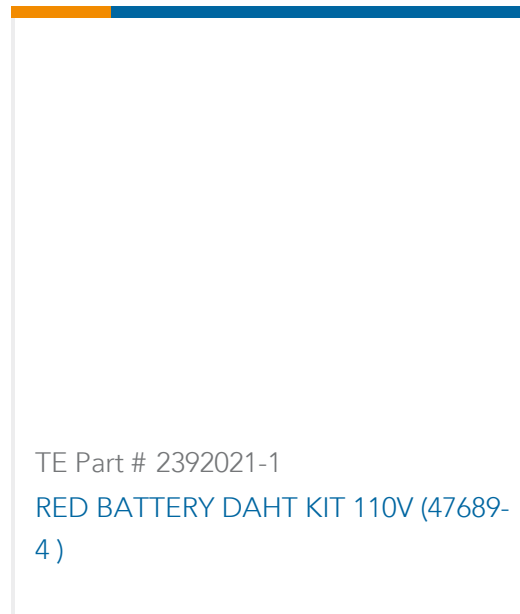
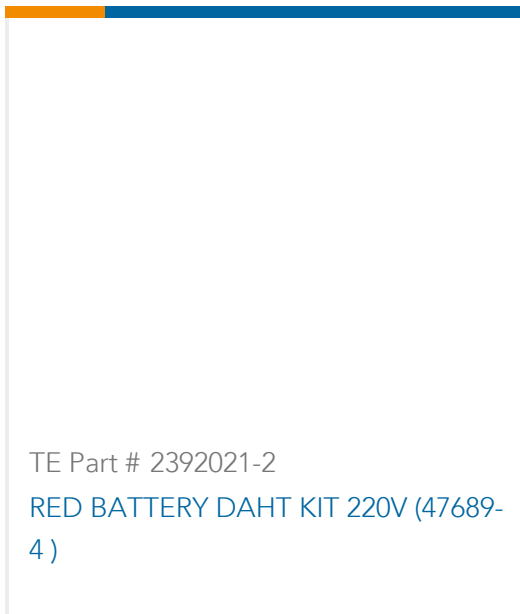
Solder Process Capability	Not applicable for solder process capability
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**Product Compliance Disclaimer**

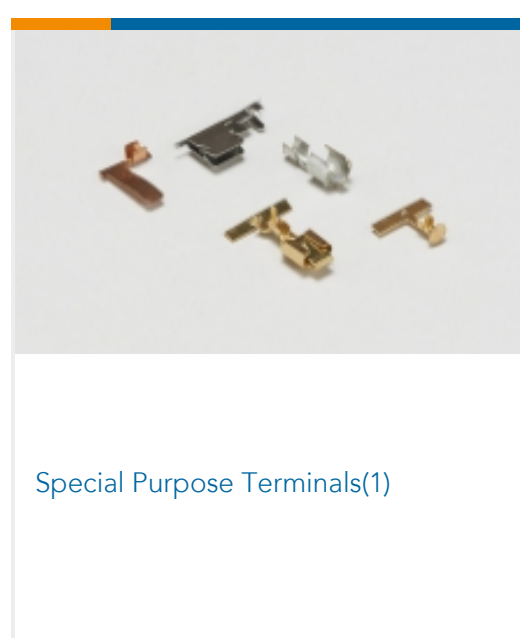
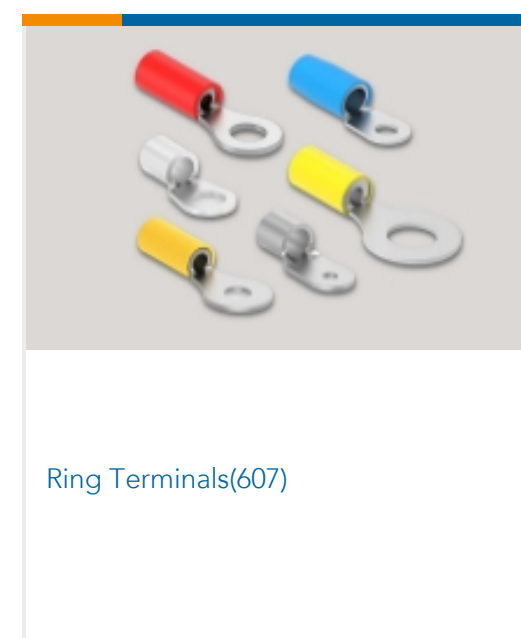
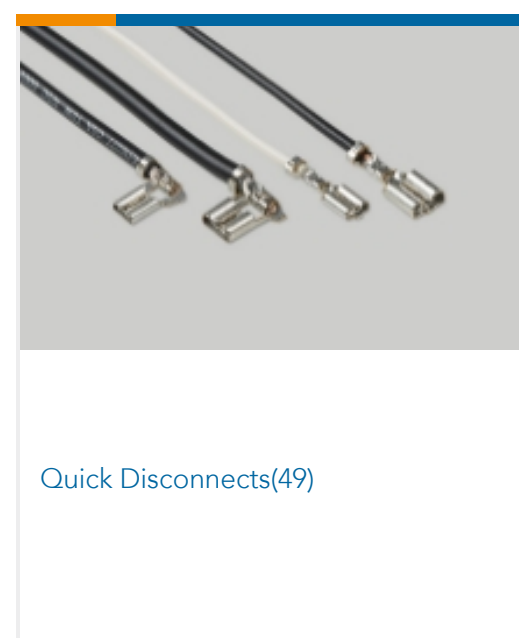
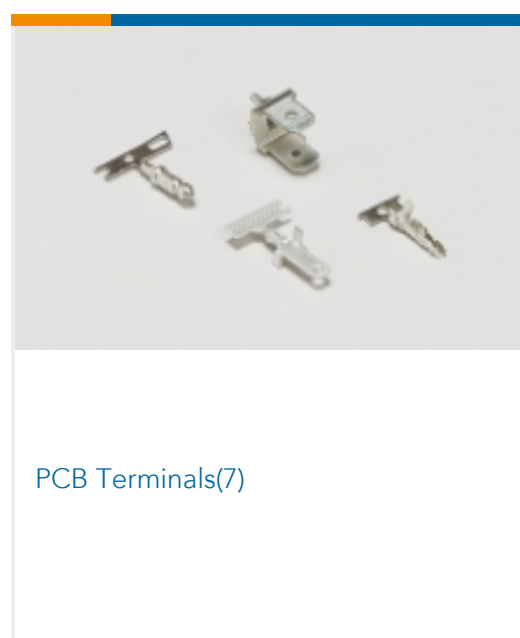
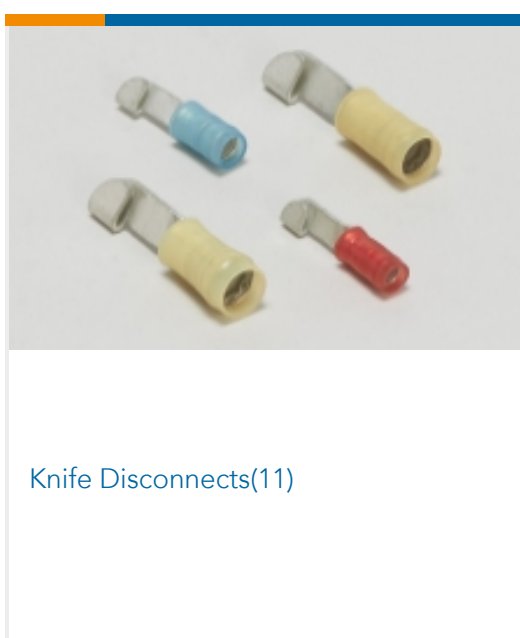
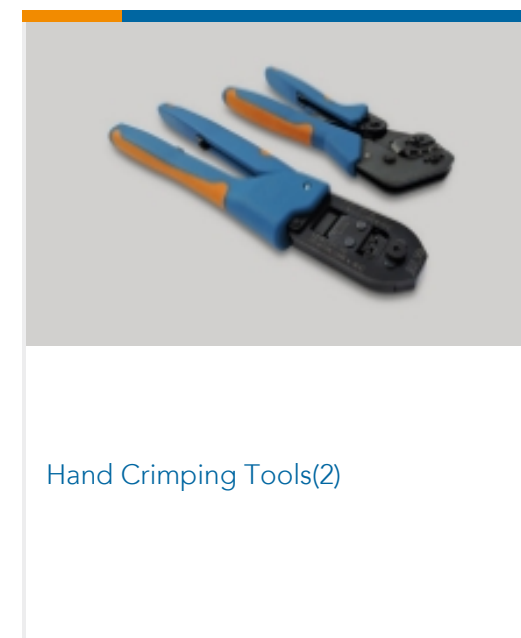
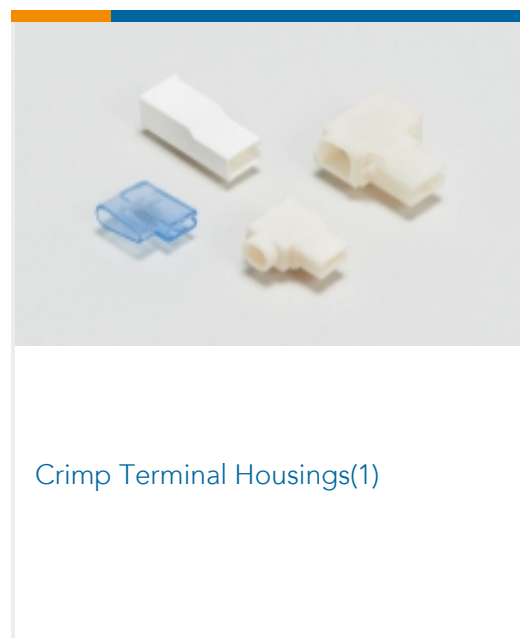
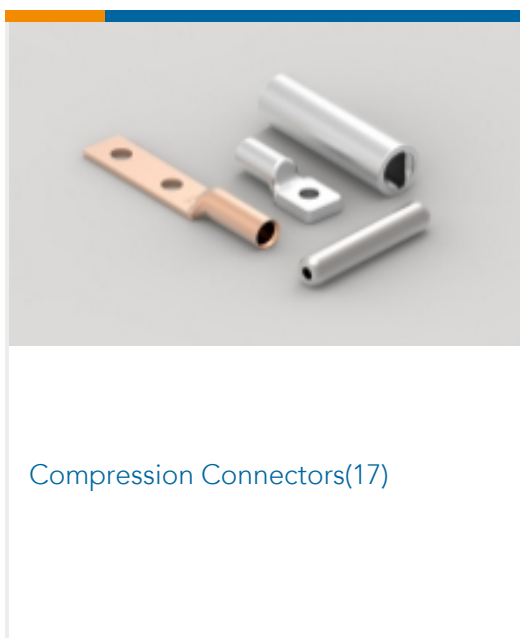
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 59170 T-HEAD PIDG SH 26-14 ASSY</p>	 <p>TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p>	 <p>TE Part # 47386 DAHT PG PIDG 26-16 ASSY</p>	 <p>TE Part # 47386-4 DAHT PG PIDG 26-16 ASSY</p>
 <p>TE Part # 59250 T-HEAD PIDG 26-14 ASSY</p>	 <p>TE Part # 58423-1 DIE, RBY IS9252</p>	 <p>TE Part # 58433-3 PRO CR ASSY, RBY IS9252</p>	 <p>TE Part # 525690 DAHT PG PIDG 20-18 ASSY</p>
 <p>TE Part # 539691-2 ERGO DIE R.B.Y</p>	 <p>TE Part # 132246-3 TERMINAL RING TONGUE PIDG 22 18</p>	 <p>TE Part # 2063030-1 SDE DIESET, RBY, UL</p>	 <p>TE Part # 47806-2 DIES PIDG 22-16 DIE SET</p>



Also in the Series | PIDG



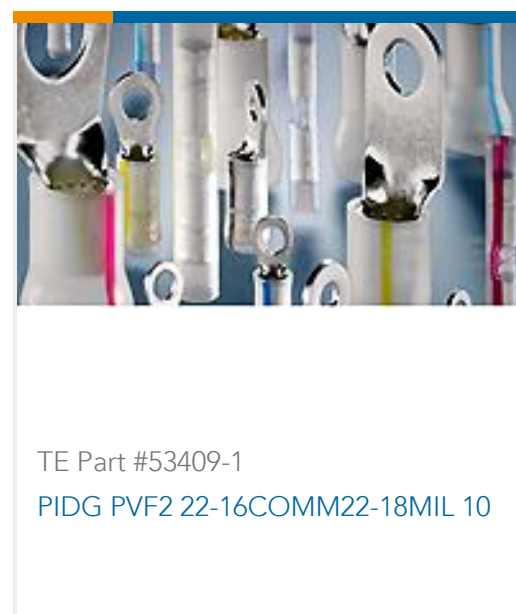
Customers Also Bought



TE Part #31880  
PIDG Ring Tongue Terminals



TE Part #4816334002  
DR-25-TW-3/16-0-SP



TE Part #53409-1  
PIDG PVF2 22-16COMM22-18MIL 10



TE Part #152435-000  
CWT-5-W122-5



TE Part #1662-213-2031  
CONT SOC ASSY



TE Part #587725-000  
S03-08-R



TE Part #K1147622  
Bistable relay 500A 28V, Type 26-05-33

## Documents

### Product Drawings

[PIDG PVF2 22-16COM22-18MIL 3/8](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_53412-1\\_F.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_53412-1\\_F.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_53412-1\\_F.3d\\_stp.zip](#)

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

### Product Specifications

[Application Specification](#)

English