

53412-1 ✓ ACTIVE

PIDG

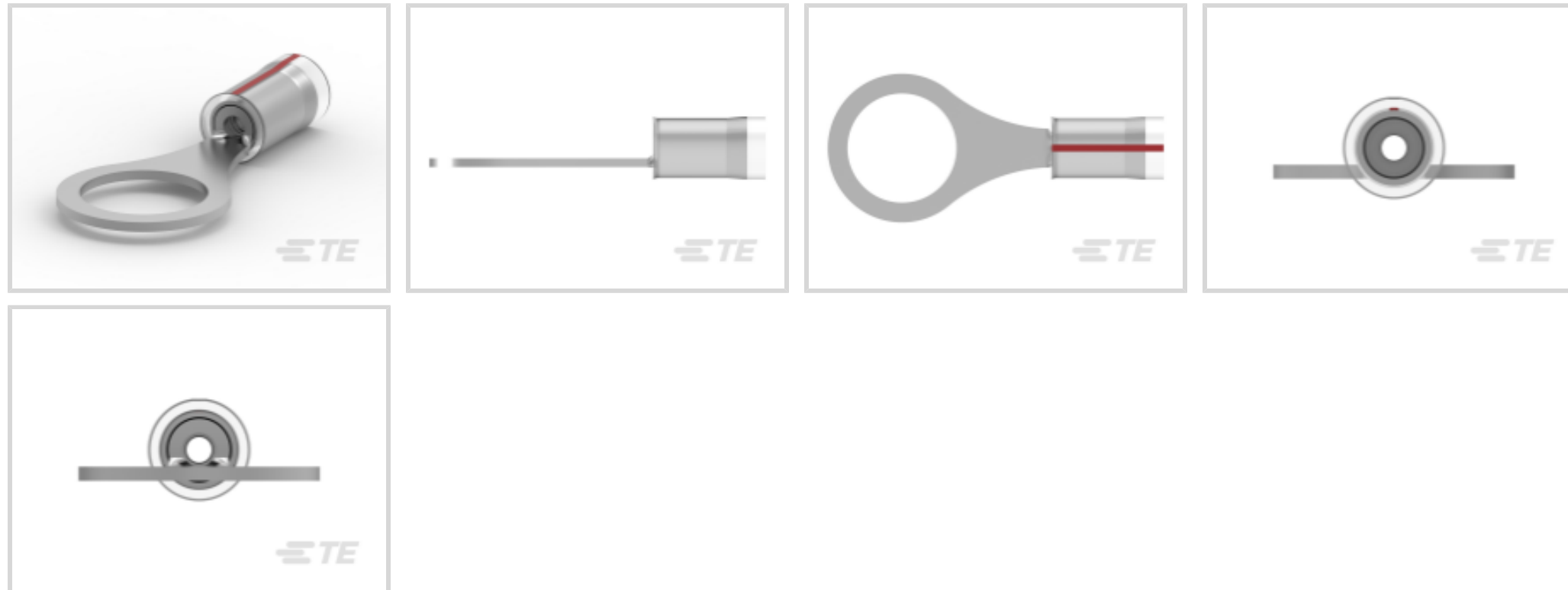
TE Internal #: 53412-1

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 \(36\)](#)

## 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

### 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]

### Contact Features

Barrel Type	Closed
Terminal Orientation	Straight



Terminal Plating Material	Tin-Lead
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Military Part Class	Class I
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### Usage Conditions

Insulation Option	Partially Insulated
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Operating Temperature Range	150 °C[302 °F]
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### Operation/Application

Compatible With Wire Base Material	Copper
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Compatible With Wire Plating Material	Tin
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### Packaging Features

Packaging Method	Loose Piece
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Packaging Quantity	1000
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### Other

EU RoHS Compliance	Not Compliant
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EU ELV Compliance	Compliant with Exemptions
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### Configuration Features

Number of Holes	1
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### Body Features

Insulation Sleeve Color	Natural
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Stripe Color	Red
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### Mechanical Attachment

Wire Insulation Support	With
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### Industry Standards

Government Qualified Terminal	Yes
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241)
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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.

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



REPRESENTATION ONLY

TE Part # 47386-4  
DAHT PG PIDG 26-16 ASSY



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



TE Part # 59170  
T-HEAD PIDG SH 26-14 ASSY



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



REPRESENTATION ONLY

TE Part # 47386  
DAHT PG PIDG 26-16 ASSY



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

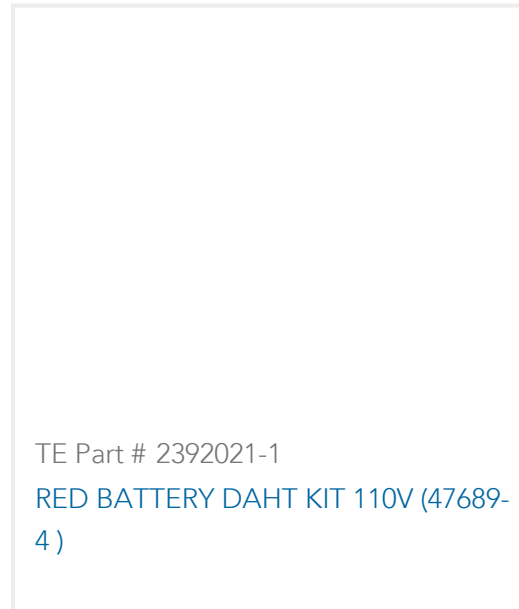
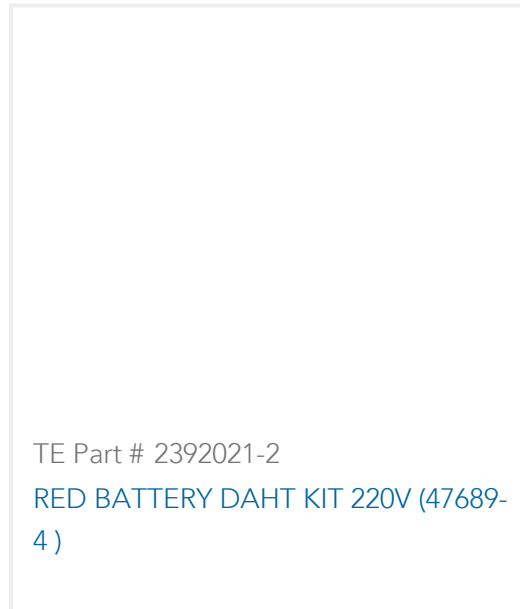


REPRESENTATION ONLY

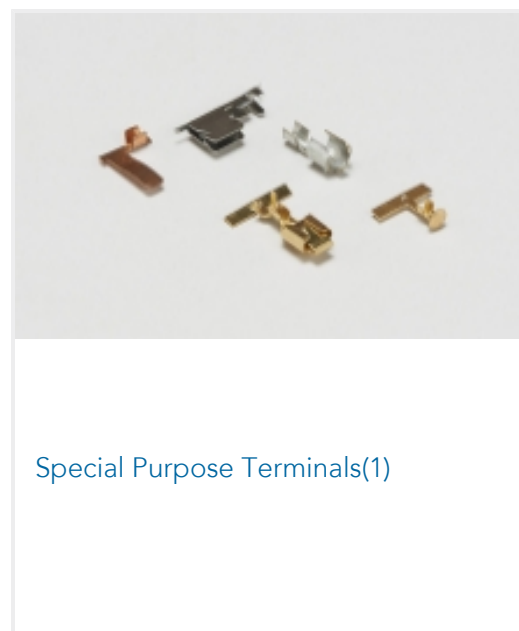
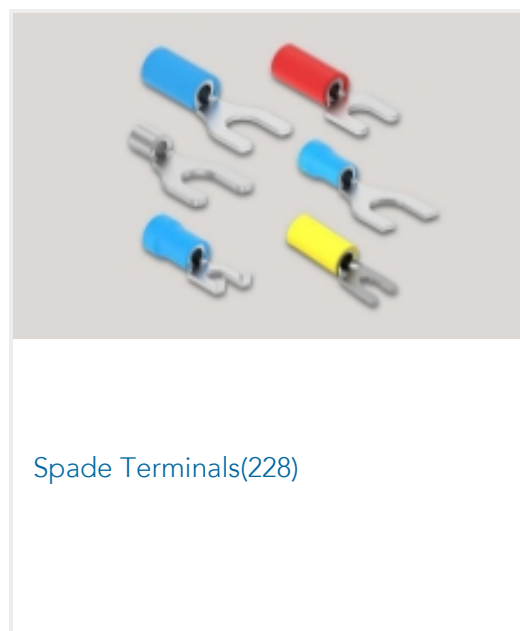
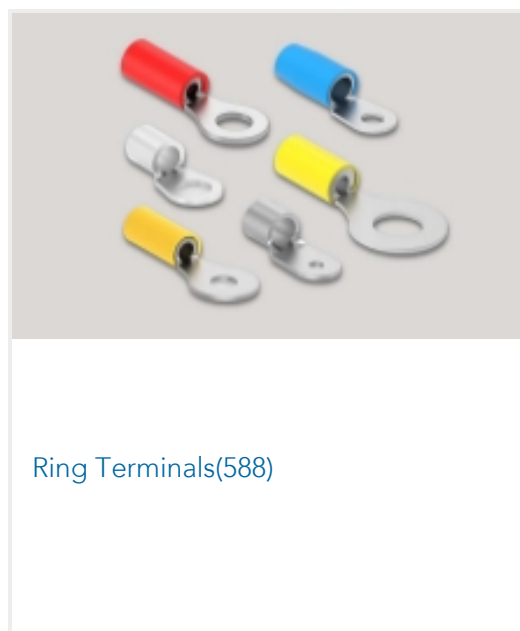
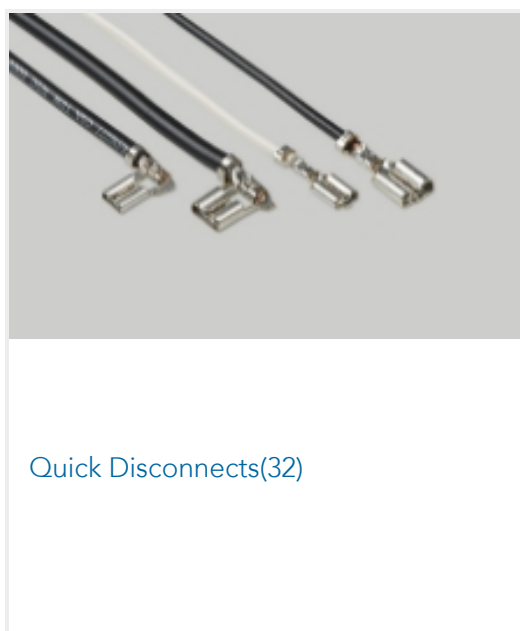
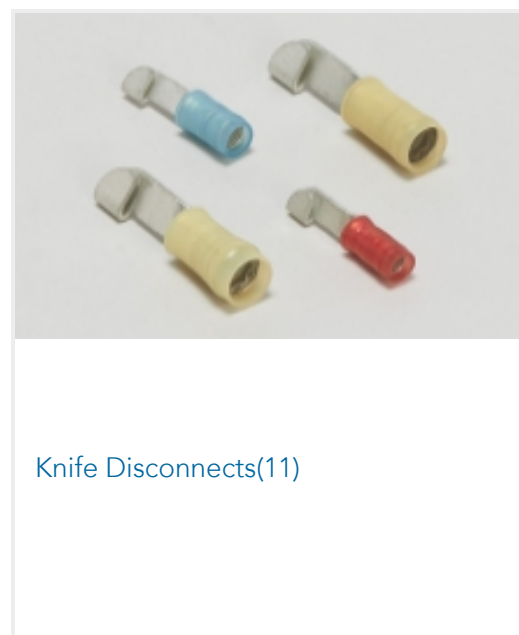
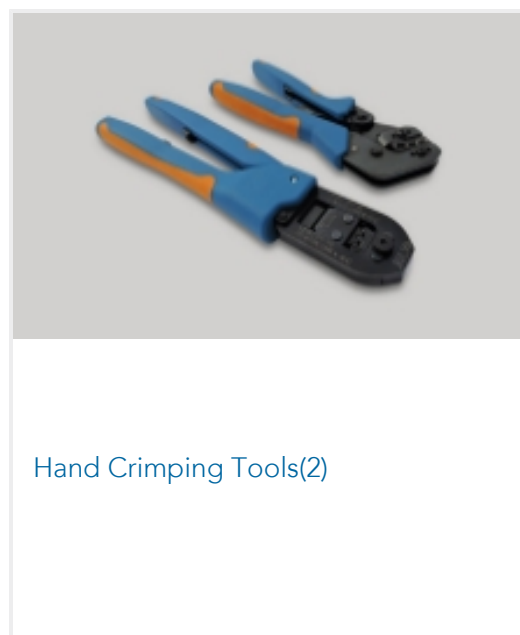
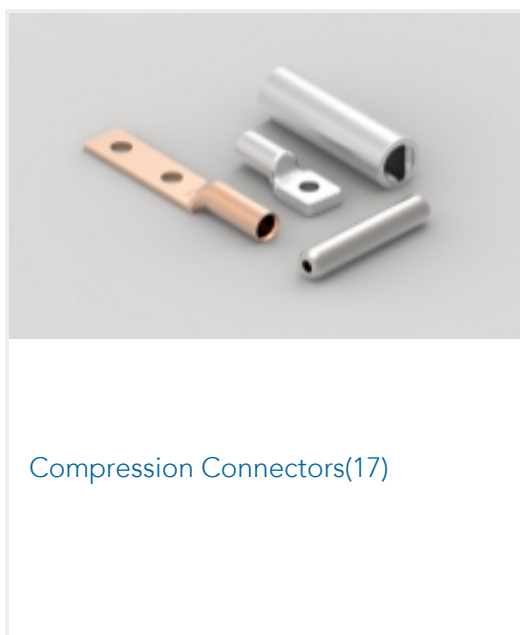
TE Part # 525690  
DAHT PG PIDG 20-18 ASSY



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



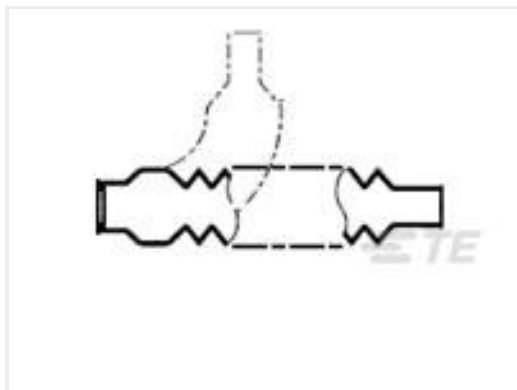
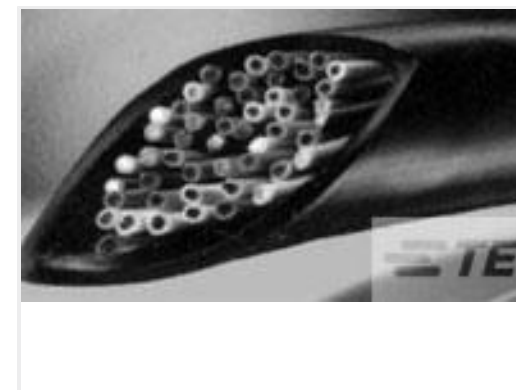
Also in the Series | PIDG





Splices(39)

## Customers Also Bought

TE Part #806249-000  
202C632-71/42-0TE Part #096673-000  
Low Profile Heat Shrink Boots: Poly  
Molded, Lipped, StraightTE Part #848677-000  
202D921-4/86-0TE Part #7973394002  
NTFR-1-1/2-0-SPTE Part #53416-1  
TERMINAL,PIDG PVF2 R 16-14 6TE Part #YDTS26W11-35PCV001  
PLUG ASSYTE Part #ZPF000000000015139  
DMC-M 00-00 PNTE Part #ZPF0000000000137230  
DMC-MA 20-22 AN

## 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

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