

53412-1 ✓ ACTIVE



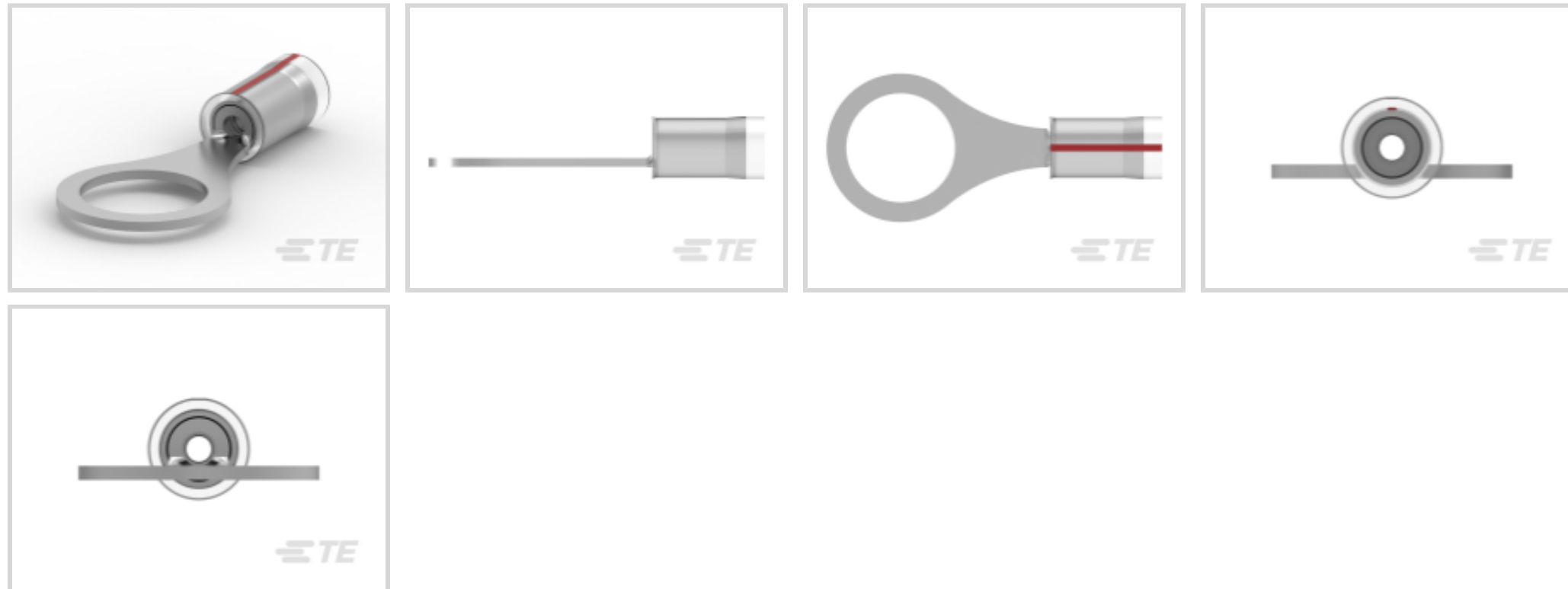
PIDG

TE Internal #: 53412-1

Ring Terminals & Spade Terminals, Ring Tongue, 22 AWG Wire Size, .3 – 1.42 mm<sup>2</sup> Wire Size, 509 – 3260 CMA Wire Size, Stud Size 3/8, PIDG

[View on TE.com >](#)

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



Ring & Spade Terminal Type: **Ring Tongue**

Wire Size: **509 – 3260 CMA**

Stud Size: **3/8**

[All PIDG Radiation Resistant C Rings/Spades \(41\)](#)

### Features

#### Product Type Features

Stud Size	3/8
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

#### Configuration Features

Number of Holes	1
Terminal Angle	180 °

#### Body Features

Insulation Sleeve Color	Natural
Stripe Color	Red

#### Contact Features

Military Part Class	Class I
Ring & Spade Terminal Type	Ring Tongue
Barrel Type	Closed
Terminal Orientation	Offset



Terminal Plating Material	Tin-Lead
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### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Wire Size	509 – 3260 CMA
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Stud Diameter	9.91 mm
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Tongue Thickness	.79 mm[.031 in]
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Overall Product Length	30.94 mm[1.218 in]
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Accepts Wire Insulation Diameter (Max)	3.18 mm[.125 in]
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Accepts Wire Insulation Diameter Range	2.03 – 3.18 mm[.08 – .125 in]
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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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Heavy Duty	No
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### Industry Standards

Government Qualified	Yes
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### Packaging Features

Packaging Quantity	1000
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Packaging Method	Loose Piece
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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	Not Compliant
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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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Pb (13% in Component Plating)
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**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 Yet Reviewed for halogen content

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 # 59170  
T-HEAD PIDG SH 26-14 ASSY



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



TE Part # 47386  
DAHT PG PIDG 26-16 ASSY



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



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



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



TE Part # 58423-1  
DIE, RBY IS9252



TE Part # 525690  
DAHT PG PIDG 20-18 ASSY



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



TE Part # 132246-3  
TERMINAL RING TONGUE PIDG 22 18



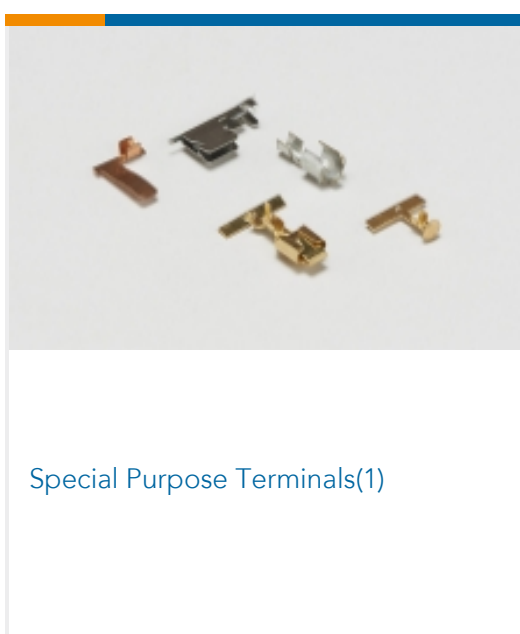
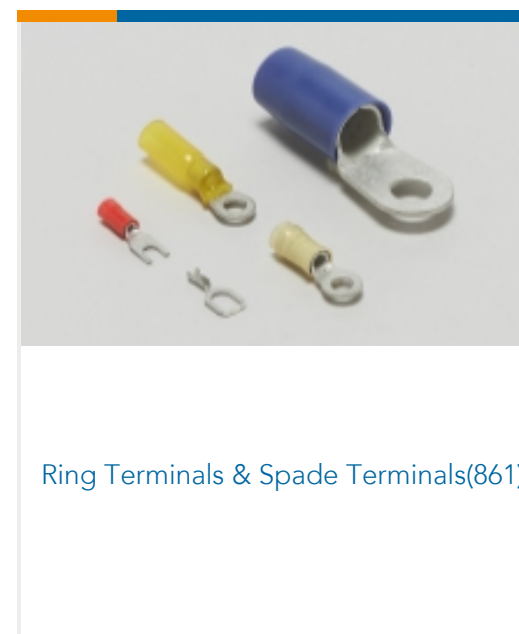
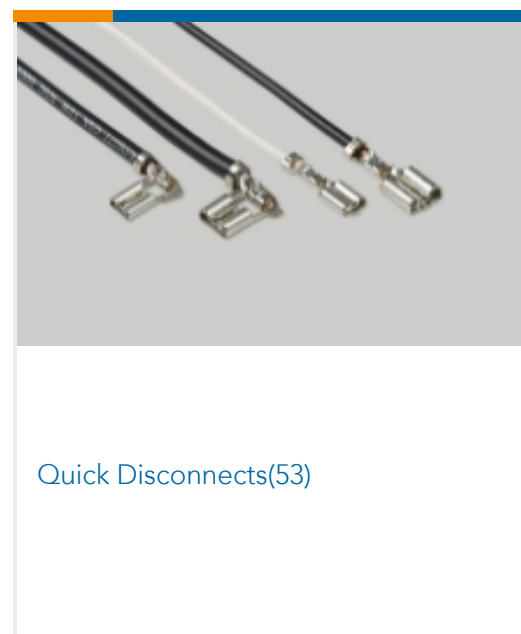
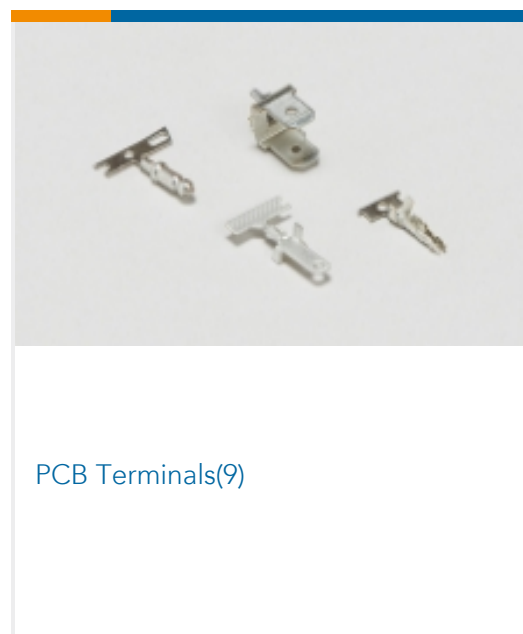
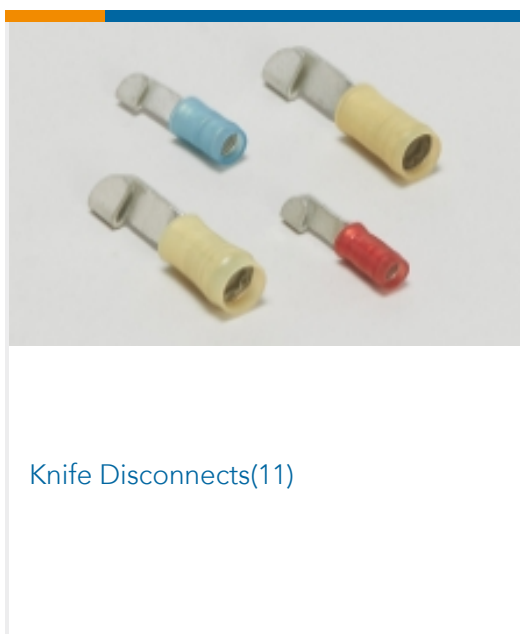
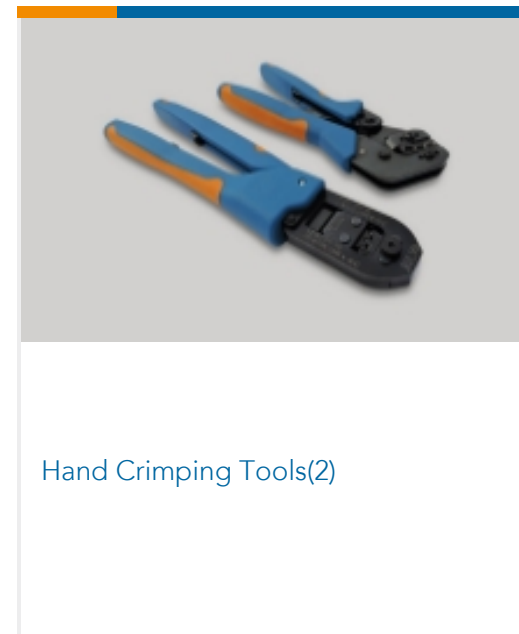
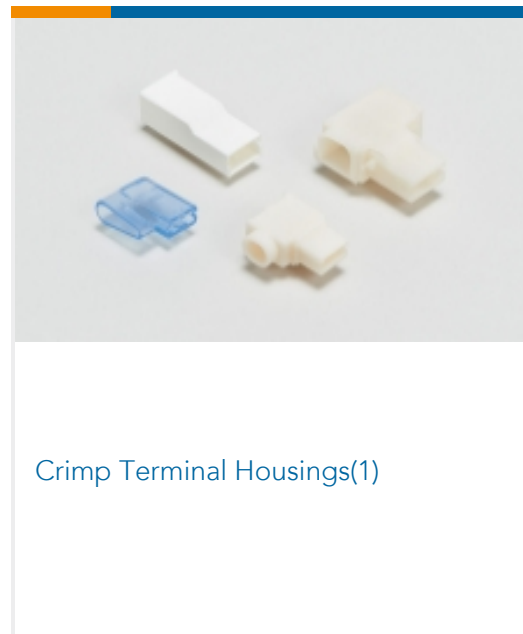
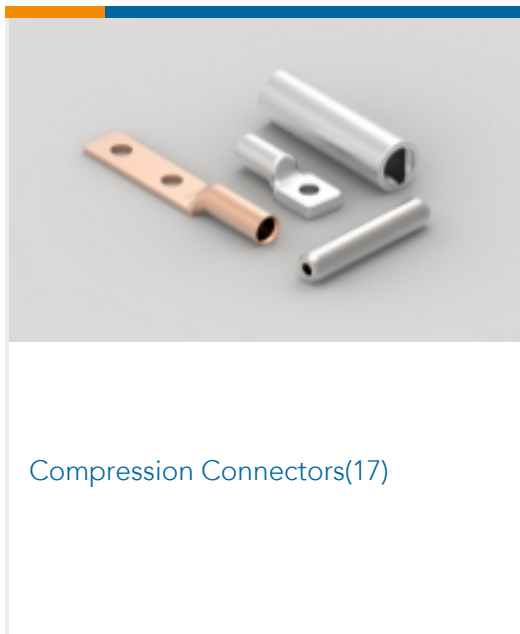
TE Part # 2063030-1  
SDE DIESET, RBY, UL



TE Part # 47806-2  
DIES PIDG 22-16 DIE SET



Also in the Series | PIDG



Documents



### Product Drawings

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

English

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### 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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### Datasheets & Catalog Pages

[RADIATION\\_RESISTANT\\_PRE-INSULATED\\_TERMINALS\\_SPLICES](#)

English

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### Product Specifications

[Application Specification](#)

English