



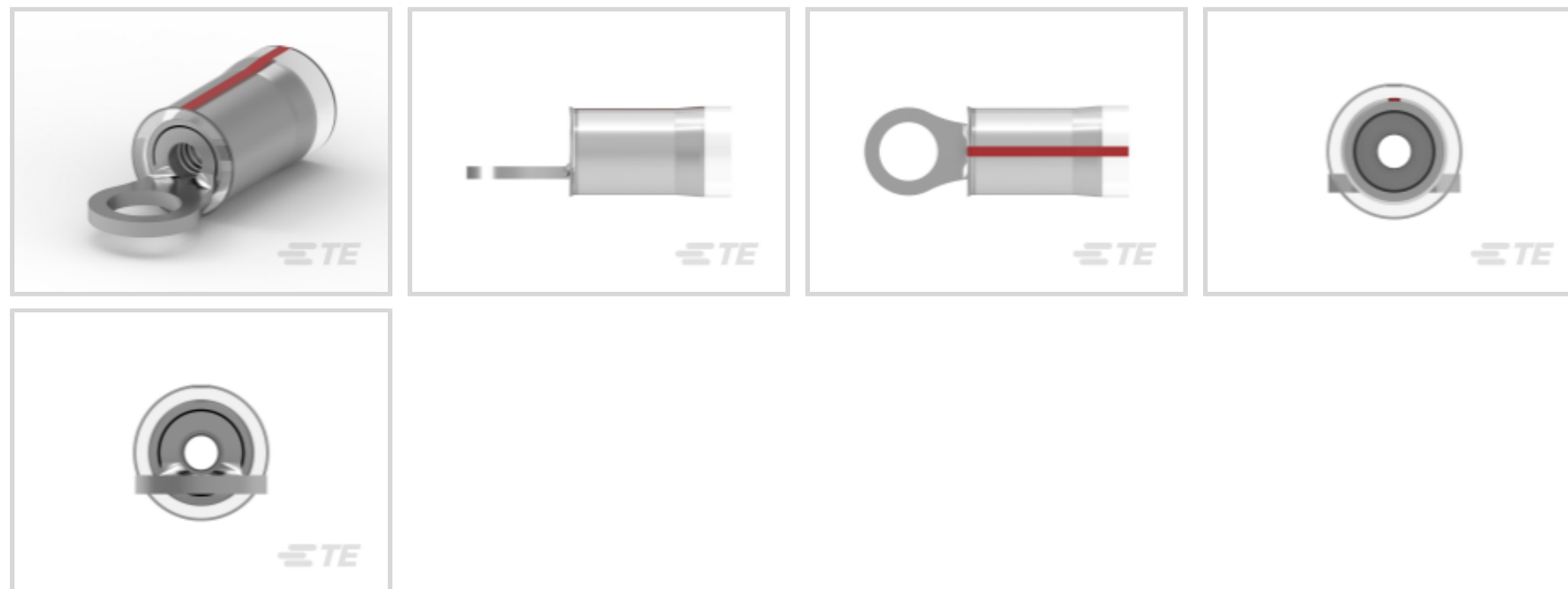
**PIDG**

TE Internal #: 8-53406-1

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 #6 / M3.5, 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: **#6, M3.5**

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

**Features**

**Product Type Features**

Stud Size	#6, M3.5
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

**Configuration Features**

Number of Holes	1
Terminal Angle	180 °

**Body Features**

Insulation Sleeve Color	Natural
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**Contact Features**

Ring & Spade Terminal Type	Ring Tongue
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	3.68 mm[.145 in]
Tongue Thickness	.79 mm[.031 in]
Overall Product Length	17.07 mm[.672 in]
Accepts Wire Insulation Diameter (Max)	3.18 mm[.125 in]
Accepts Wire 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
Heavy Duty	No

### Industry Standards

Government Qualified	No
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### Packaging Features

Packaging Quantity	100
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	Not Compliant
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 2022 (224) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
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



REPRESENTATION ONLY

TE Part # 47386  
DAHT PG PIDG 26-16 ASSY



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




TE Part # 58423-1  
DIE, RBY IS9252

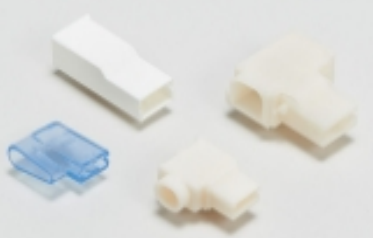


TE Part # 169404  
CERTI-LOK DIE

### Also in the Series | PIDG




Compression Connectors(17)




Crimp Terminal Housings(1)




Crimp Wire Pins, Tabs & Ferrules(41)




Hand Crimping Tools(2)




Knife Disconnects(11)



PCB Terminals(9)



Quick Disconnects(53)



Ring Terminals & Spade Terminals(861)



Special Purpose Terminals(1)



Splices(48)

## Documents

### Product Drawings

[PIDG PVF2 R 22-16COM22-18MIL 6](#)

English

### CAD Files

[3D PDF](#)

English

Customer View Model

[ENG\\_CVM\\_8-53406-1\\_L.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_8-53406-1\\_L.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_8-53406-1\\_L.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