



**PIDG**

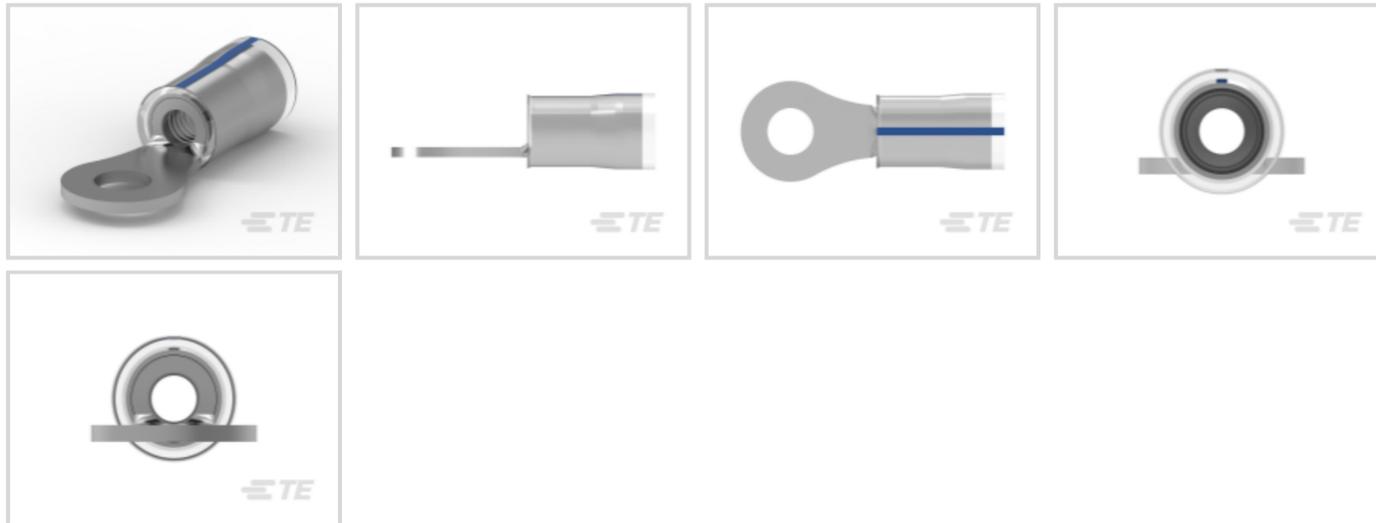
TE Internal #: 8-53416-1

TE Internal Description: TERMINAL,PIDG PVF2 R 16-14 6

PIDG Radiation Resistant C Rings/Spades

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



Wire Size: 2050 – 5180 CMA

Stud Size: #6, M3.5

Stud Diameter: 3.68 mm [ .145 in ]

[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**

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	2050 – 5180 CMA
Stud Diameter	3.68 mm[.145 in]
Tongue Thickness	.84 mm[.033 in]
Overall Product Length	21.44 mm[.844 in]
Barrel Inside Diameter	3.88 mm[.153 in]

### Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	150 °C

### 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 Yet Reviewed
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: JUN 2016 (169) SVHC > Threshold: Not Yet Reviewed
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Also in the Series | PIDG



Compression Connectors(17)



Crimp Terminal Housings(1)



Crimp Wire Pins, Tabs & Ferrules(41)



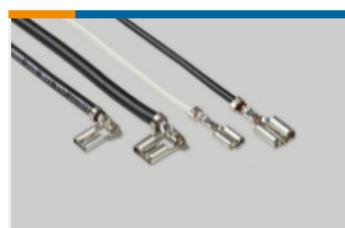
Hand Crimping Tools(2)



Knife Disconnects(11)



PCB Terminals(9)



Quick Disconnects(53)



Ring Terminals & Spade Terminals(861)



Special Purpose Terminals(1)



Splices(48)

## Documents

[CAD Files](#)

[3D PDF](#)



English

Customer View Model

[ENG\\_CVM\\_8-53416-1\\_N.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_8-53416-1\\_N.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_8-53416-1\\_N.2d\\_dxf.zip](#)

English

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