

31899 ✓ ACTIVE

PIDG

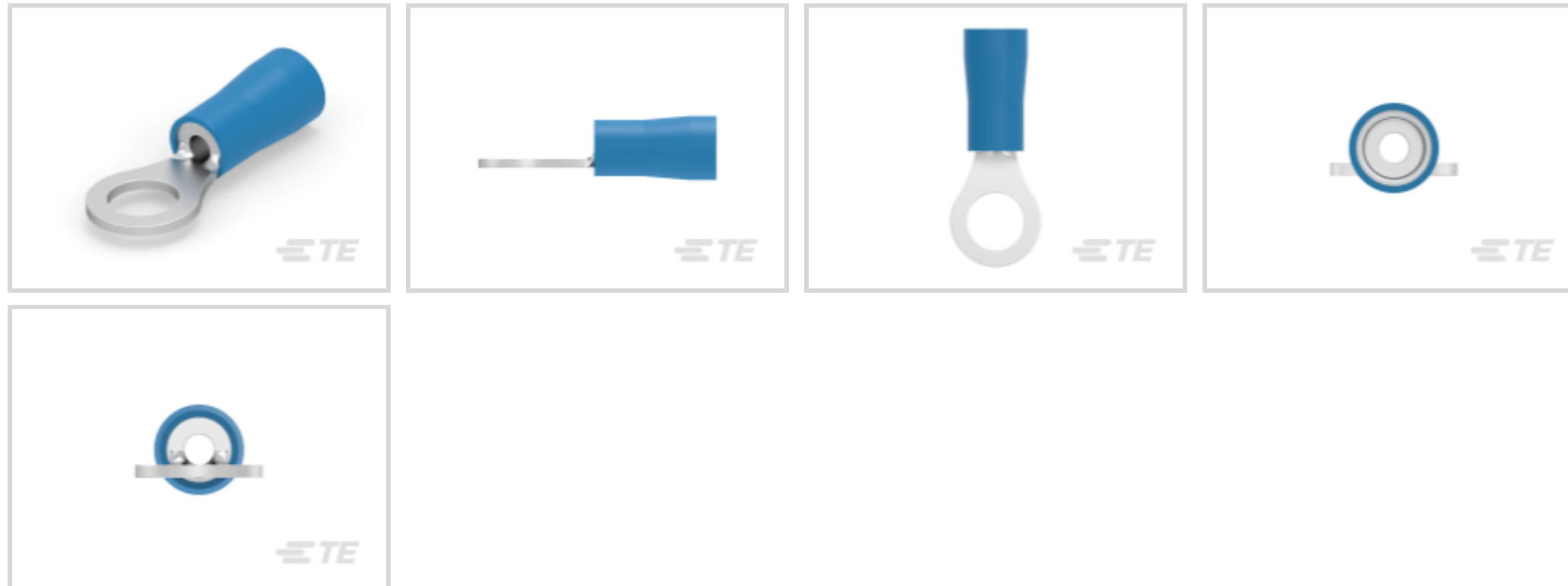
TE Internal #: 31899

Closed Ring Tongue Terminal, 16 – 14 AWG, #8 Stud Size, 4.34 mm [.171 in] Stud Diameter, Closed Barrel, Straight, Tin, Partially Insulated, PIDG

[View on TE.com >](#)



Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 2050 – 5180 CMA

Stud Size: #8

## Features

### Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#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	Blue
Stripe Color	Blue

### Contact Features

Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Compatible Insulation Diameter (Min)	2.68 mm [.105 in]
Wire Size	2050 – 5180 CMA
Stud Diameter	4.34 mm [.171 in]
Tongue Thickness	.79 mm [.03 in]
Product Length	22.83 mm [.899 in]
Compatible Insulation Diameter (Max)	3.81 mm [.15 in]
Compatible Insulation Diameter Range	2.67 – 3.81 mm [.105 – .15 in]

### Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	170 °C [338 °F]

### Operation/Application

Compatible With Wire Base Material	Copper
Compatible With Wire Plating Material	Tin

### Industry Standards

Government Qualified Terminal	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	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No 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) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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



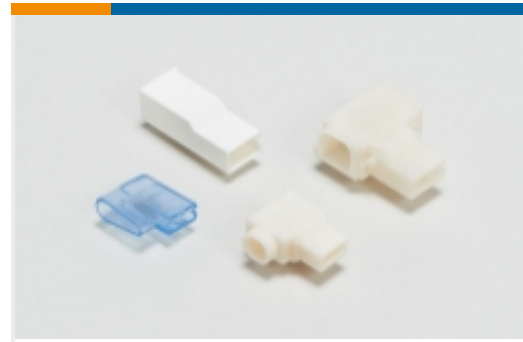




## Also in the Series | PIDG



Compression Connectors(17)



Crimp Terminal Housings(1)



Crimp Wire Pins, Tabs & Ferrules(41)



Hand Crimping Tools(2)



Knife Disconnects(11)



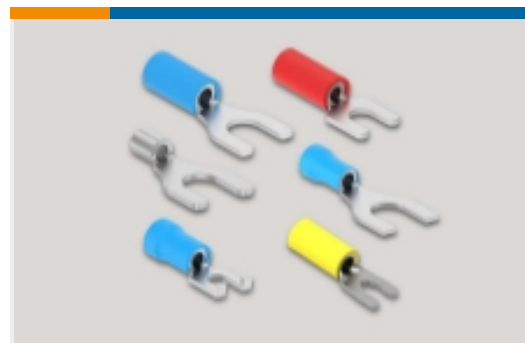
PCB Terminals(7)



Quick Disconnects(49)



Ring Terminals(611)



Spade Terminals(233)



Special Purpose Terminals(1)

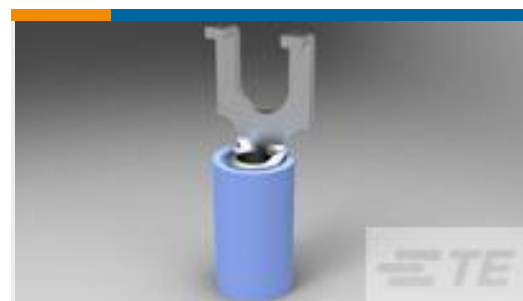


Splices(46)

## Customers Also Bought



TE Part #813909-000  
222A132-3-0



TE Part #320862  
TERMINAL,PIDG SPD FLG 16-14 8



TE Part #5749195-2  
68 50SR KIT,ST,UK



TE Part #ZPF000000000005184  
910 KS 20 R



TE Part #ZPF000000000005267  
910-0F 12-03 SN 01



TE Part #ZPF000000000005391  
910-6F 12-10 SN 01



TE Part #ZPF000000000005387  
910-6F 10-06 SN 01



TE Part #ZPF000000000005389  
910-6F 12-03 PN 01



## Documents

### Product Drawings

[TERMINAL,PIDG R 16-14 8](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_31899\\_AE.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_31899\\_AE.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_31899\\_AE.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

[Application Specification](#)

English

### Product Environmental Compliance

[MD\\_31899\\_061420171233\\_dmtec](#)

English

[MD\\_31899\\_061420171233\\_dmtec](#)

English

### Agency Approvals

[UL Report](#)

English

[UL Report](#)

English