

342142-1 ✓ ACTIVE

PLASTI-GRIP

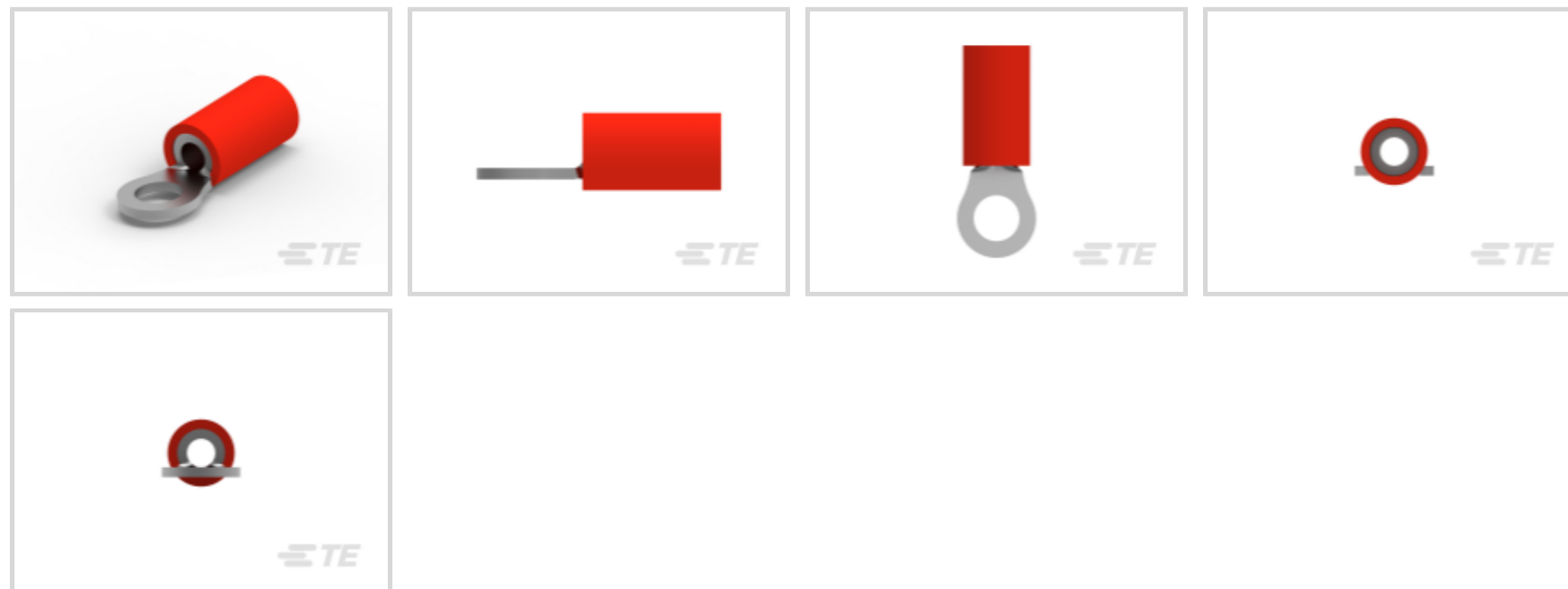
TE Internal #: 342142-1

Closed Ring Tongue Terminal, 16 – 14 AWG, M3.5 / #6 Stud Size, 3.7 mm [.145 in] Stud Diameter, Closed Barrel, Straight, Tin, PLASTI-GRIP

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Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 1 – 2.5 mm<sup>2</sup>

Stud Size: #6, M3.5

Stud Diameter: 3.7 mm [.145 in]

### Features

#### Product Type Features

Terminal Features	Sheared
Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#6, M3.5
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

#### Configuration Features

Number of Holes	1
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#### Electrical Characteristics

Voltage Rating	600 V
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#### Body Features

Product Weight	.121 g
Insulation Sleeve Color	Blue
Stripe Color	Blue

#### Contact Features



Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

#### Mechanical Attachment

Wire Insulation Support	Without
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#### Dimensions

Wire Size	1 – 2.5 mm <sup>2</sup>
Stud Diameter	3.7 mm [.145 in]
Tongue Thickness	.79 mm [.031 in]
Product Length	18.3 mm [.72 in]
Compatible Insulation Diameter (Max)	4.9 mm [.193 in]
Compatible Insulation Diameter Range	3 – 4.9 mm [.118 – .193 in]

#### Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	105 °C [221 °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

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

TE Part # 47387  
DAHT PG PIDG 20-14 ASSY

TE Part # 58423-1  
DIE, RBY IS9252

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

TE Part # 1SET191001R0000  
CRIMP-HT

TE Part # 1SET191002R0000  
TET CRIMP-HT

TE Part # 169404  
CERTI-LOK DIE

## Also in the Series | PLASTI-GRIP

Compression Connectors(3)

Crimp Wire Pins, Tabs & Ferrules(25)

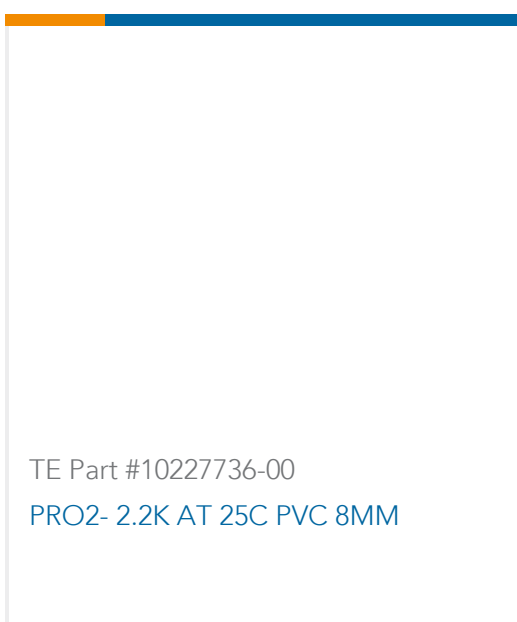
Ring Terminals(333)

Spade Terminals(198)



Splices(50)

## Customers Also Bought

TE Part #6609052-2  
10VN1=F7416 S0TE Part #6609053-5  
Single Phase Filters, Corcom HT SeriesTE Part #34146  
PG R 22-16 COMM 22-18 MIL 10TE Part #1982295-1  
ELCON MINI 2P RA HEADER, W  
/CODINGTE Part #770248-1  
UMNL II PIN PTPBR LP 20-14AWGTE Part #1622826-3  
CRG0402 5% 100RTE Part #4-2176337-5  
CRGCQ 0402 47K 1%TE Part #193842-1  
SKT ASSY., 2MM, 12-14 AWGTE Part #10227736-00  
PRO2- 2.2K AT 25C PVC 8MM

## Documents

### Product Drawings

16-14 F.E.P.G. RING TONGUE NO.

English

### CAD Files

3D PDF

3D

### Customer View Model

ENG\_CVM\_CVM\_342142-1\_M.2d\_dxf.zip



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_342142-1\\_M.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_342142-1\\_M.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

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

English

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### Product Specifications

[Application Specification](#)

English