

342102-1 ✓ ACTIVE

PLASTI-GRIP

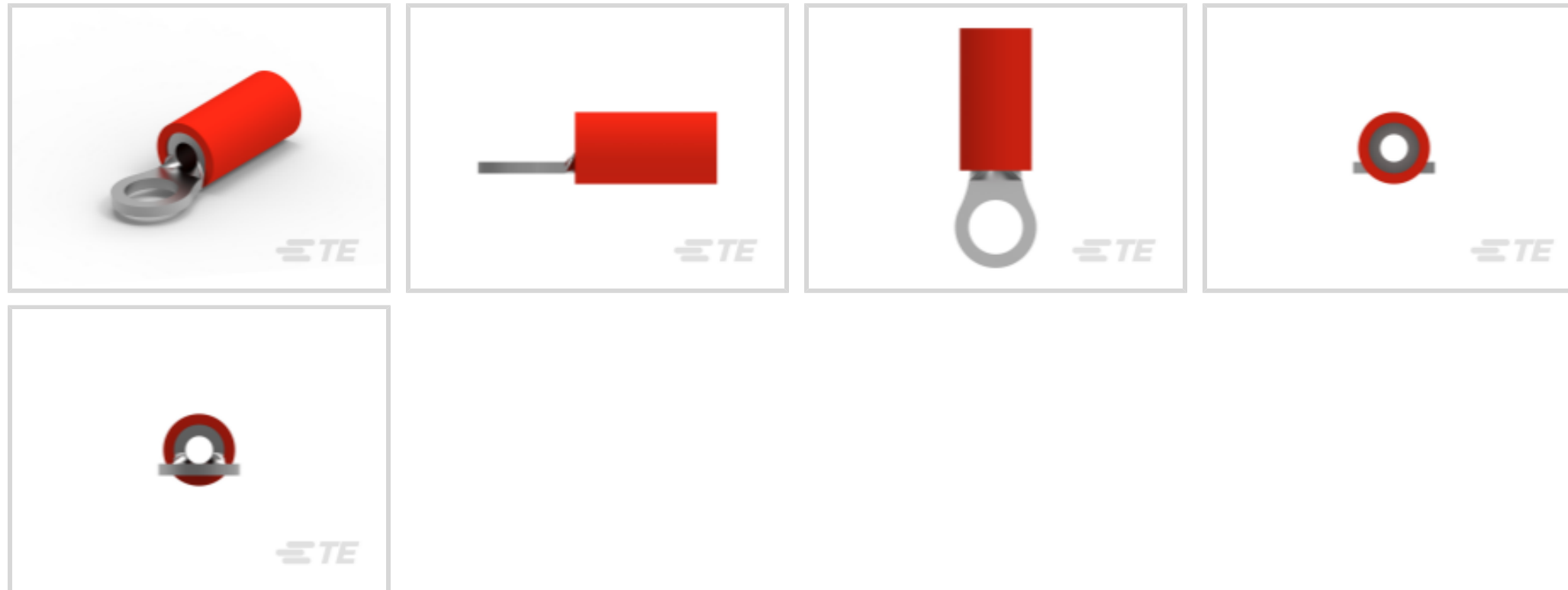
TE Internal #: 342102-1

Closed Ring Tongue Terminal, 22 – 16 AWG, #6 / M3.5 Stud Size,  
3.68 mm [.146 in] Stud Diameter, Closed Barrel, Straight, Tin,  
PLASTI-GRIP

[View on TE.com >](#)



Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 509 – 3260 CMA

Stud Size: #6, M3.5

### Features

#### Product Type Features

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

#### Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	3.68 mm [.146 in]
Tongue Thickness	.79 mm [.031 in]
Product Length	17.5 mm [.689 in]
Compatible Insulation Diameter (Max)	3.56 mm [.14 in]
Compatible Insulation Diameter Range	2.67 – 3.56 mm [.105 – .14 in]

#### Contact Features

Barrel Type	Closed
Terminal Orientation	Straight



Terminal Plating Material	Tin
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### Usage Conditions

Insulation Option	Partially Insulated
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Operating Temperature Range	90 °C[194 °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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### Packaging Features

Packaging Method	Loose Piece
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Packaging Quantity	100
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### Other

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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### Configuration Features

Number of Holes	1
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### Electrical Characteristics

Voltage Rating	600 V
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### Body Features

Product Weight	1.772 g
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Insulation Sleeve Color	Red
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Stripe Color	Red
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### Mechanical Attachment

Wire Insulation Support	Without
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### Industry Standards

Government Qualified Terminal	No
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2024 (241)

Candidate List Declared Against: JUNE 2024 (241)

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 # 59250  
T-HEAD PIDG 26-14 ASSY



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 # 58433-3  
PRO CR ASSY, RBY IS9252



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



TE Part # 58423-1  
DIE, RBY IS9252



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



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



TE Part # 59300  
T-HEAD PIDG PG 26-16 ASSY



TE Part # 169404  
CERTI-LOK DIE

Also in the Series | **PLASTI-GRIP**



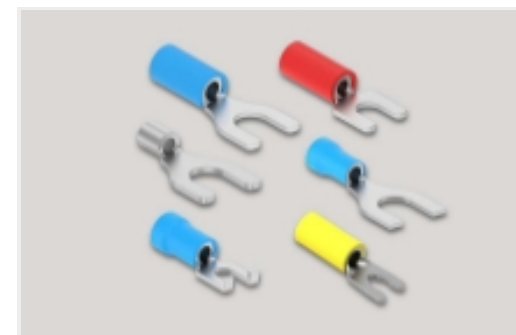
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(18)



Ring Terminals(297)



Spade Terminals(157)



Splices(44)

Customers Also Bought



TE Part #8-36154-1  
PIDG R 22-16 COMM 22-18 MIL 10



TE Part #1-440054-2  
2.0MM,HDR,12POS,VERTICAL



TE Part #1-6609031-0  
5ER3=F7186 S0



TE Part #440129-7  
2.0MM,HSG,7POS



TE Part #5-747913-2  
25 Rcpt Solder Cup, Gold Flash



TE Part #1939708-1  
Industrial Ethernet Cat5e (AWG)



TE Part #2-530745-2  
MINI BX RECPT ASSY 128P SEALED



TE Part #691794-000  
MFT-MT1000-NO.33-0-SP



## Documents

### Product Drawings

22-16 F.E.P.G. RING TONGUE NO.

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_342102-1\\_L.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_342102-1\\_L.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_342102-1\\_L.3d\\_stp.zip](#)

English

3D PDF

English

Customer View Model

[ENG\\_CVM\\_342102-1\\_R1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_342102-1\\_R1.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_342102-1\\_R1.2d\\_dxf.zip](#)

English

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### Product Specifications

Application Specification

English