

321501 ✓ ACTIVE

DIAMOND GRIP

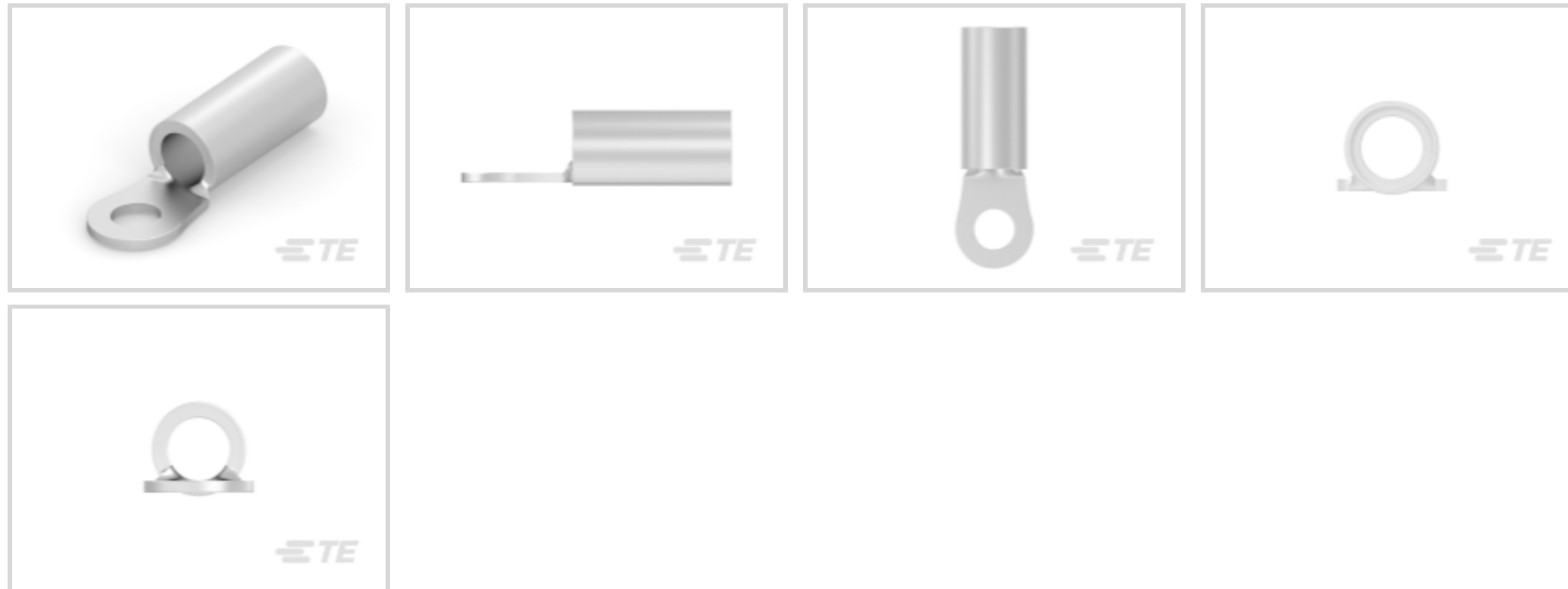
TE Internal #: 321501

Closed Ring Tongue Terminal, 12 – 10 AWG, #6 / M3.5 Stud Size,  
3.51 mm [.138 in] Stud Diameter, Closed Barrel, Straight, Tin,  
Uninsulated

[View on TE.com >](#)



Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 5180 – 13100 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

Configuration Features

Number of Holes	1
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Body Features

Product Weight	1.822 g
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Contact Features

Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

Mechanical Attachment

Wire Insulation Support	With
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Dimensions



Wire Size	5180 – 13100 CMA
Stud Diameter	3.51 mm [.138 in]
Tongue Thickness	.79 mm [.031 in]
Product Length	22.76 mm [.896 in]
Compatible Insulation Diameter (Max)	5.84 mm [.23 in]
Compatible Insulation Diameter Range	3.81 – 5.84 mm [.15 – .23 in]

### Usage Conditions

Insulation Option	Uninsulated
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	500
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 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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>

## Customers Also Bought



TE Part #165028  
PIDG RING 12-10 6MM



TE Part #323219  
SOLIS R HR 22-16COM22-18MIL 6



TE Part #5039304024  
DR-25-1/2-0-SP



TE Part #1-320551-2  
TERMINAL,PIDG R IR 22 8



TE Part #3880430001  
TMS-SCE-1K-1-1/2-2-0-4



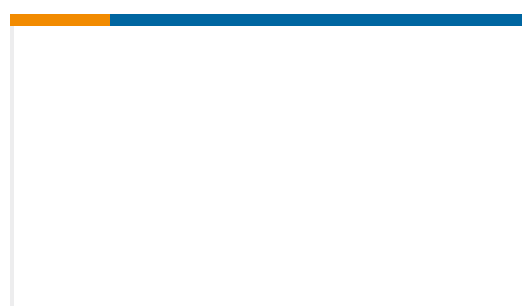
TE Part #2-34114-2  
TERM, SOLIS, R, 22-16, 5/16



TE Part #K1162519  
Limit switch G12-221-O-15 931



TE Part #ZPF00000000016911  
DTS 26 F 11-35 SN



TE Part #CA7641N001  
S200-3-9030CS2904



TE Part #650025-000  
D-436-29

## Documents

### Product Drawings

[TERMINAL,DG R 12-10 6](#)

English

### CAD Files

[3D PDF](#)

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_321501\\_C.2d\\_dxf.zip](#)

321501

Closed Ring Tongue Terminal, 12 – 10 AWG, #6 / M3.5 Stud Size, 3.51 mm [.138 in]  
Stud Diameter, Closed Barrel, Straight, Tin, Uninsulated



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_321501\\_C.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_321501\\_C.3d\\_stp.zip](#)

English

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**Agency Approvals**

[CSA Certificate](#)

English