

33220 ✓ ACTIVE

SOLISTRAND

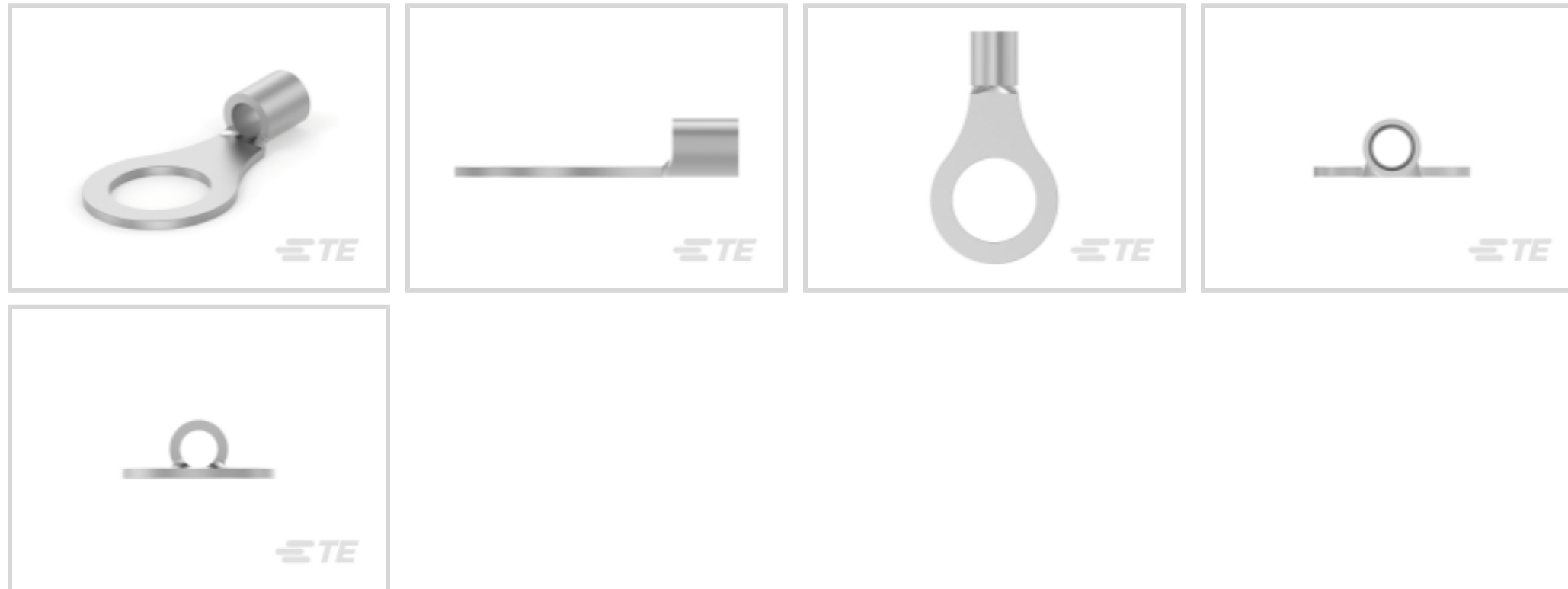
TE Internal #: 33220

Closed Ring Tongue Terminal, 12 – 10 AWG, 3/8 Stud Size, 9.53 mm [.375 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: 3/8

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	3/8
Sealable	No
Wire Insulation Support Retention Type	Non-Insulation Support

Configuration Features

Number of Holes	1
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Contact Features

Military Part Class	Class I
Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	5180 – 13100 CMA
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Stud Diameter	9.53 mm[.375 in]
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Tongue Thickness	1.07 mm[.042 in]
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Product Length	27.89 mm[1.098 in]
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Barrel Inside Diameter	3.28 mm[.129 in]
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Usage Conditions

Insulation Option	Uninsulated
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Operating Temperature Range	170 °C[338 °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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Industry Standards

Government Qualified Terminal	Yes
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Packaging Features

Packaging Quantity	500
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Packaging Method	Package
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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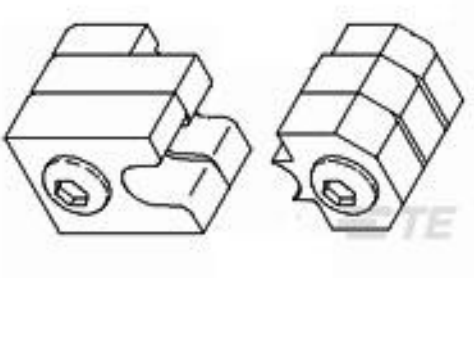


Solder Process Capability	Not applicable for solder process capability
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Product Compliance Disclaimer

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

 <p>TE Part # 58545-1 SOLISTRAND 10-22 DIE ASSY</p>	 <p>TE Part # 58546-1 PC 22-10 SOLISSPICE SPL I SHT</p>	 <p>TE Part # 49935 DAHT SOLIS 22-10 ASSY</p>	 <p>TE Part # 525693 DAHT SOLIS 22-10 ASSY</p>
 <p>TE Part # 58545-3 SDE DIE ASSY. 22-10 SOLISTRAND</p>	 <p>TE Part # 47814 DIES SOLIS 12-10 DIE SET</p>	 <p>TE Part # 539662-2 MATR SOLISTR 0,3-6,</p>	 <p>TE Part # 169400 CERTI-LOK FRAME W/O DIES</p>

Customers Also Bought

 <p>TE Part #33471 TERMINAL,SOLIS R 4 3/8</p>	 <p>TE Part #34318 SPLICE,SOLIS PARA 8</p>	 <p>TE Part #55785-1 SPLICE, BUTT P.G. 16-14 CLEAR</p>	 <p>TE Part #1-640250-7 17P SL156 HSG W/LCK RAMP NATL</p>
 <p>TE Part #356611-1 DIES POWERBAND CONT 8 AWG DIE SET</p>	 <p>TE Part #60419-2 250 FASTON FLAG REC 18-14 AWG TPBR</p>	 <p>TE Part #2-2106124-3 CONTACT, SEALED LIGHTING CONN, 22-24 AWG</p>	

Documents

Product Drawings



TERMINAL,SOLIS R 12-10 3/8

English

CAD Files

Customer View Model

[ENG_CVM_CVM_33220_V.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_33220_V.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_33220_V.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SOLISTRAND - QRG](#)

English

Product Environmental Compliance

[MD_33220_11302015828_dmtec](#)

English

[MD_33220_11302015828_dmtec](#)

English

Agency Approvals

[UL Report](#)

English

[UL Report](#)

English

[UL Report](#)

English