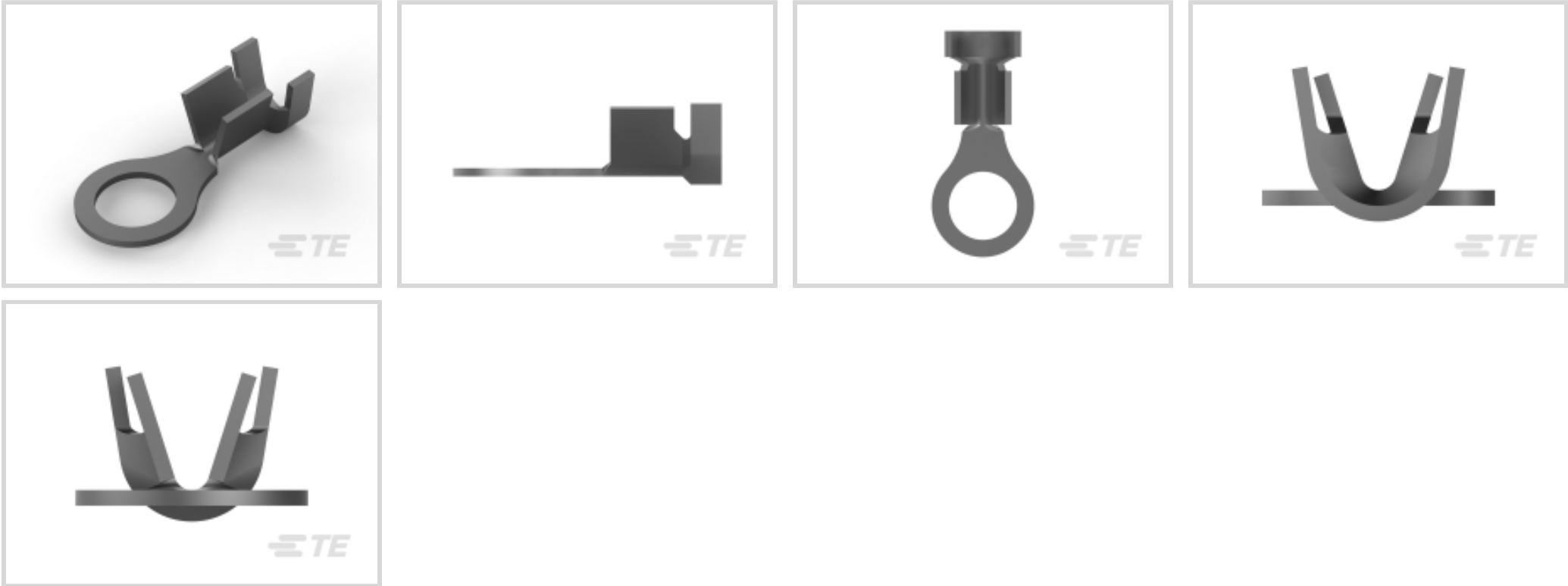


TE Internal #: 170011-8
Closed Ring Tongue Terminal, 18 – 14 AWG, #8 / M4 Stud, 4.3 mm
[.169 in] Stud Diameter, Open Barrel, Straight, Tin Plating,
Uninsulated
[View on TE.com >](#)



Terminals & Splices > Ring Terminals



Ring Terminal Product Type: **Closed Ring Tongue Terminal**
Wire Size: **2050 – 5180 CMA**
Stud Size: **#8, M4**

Features

Product Type Features

Shape Description	Circular/Oval
Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#8, M4
Sealable	No
Compatible With Discrete Wire Type	Stranded
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Number of Holes	1
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Contact Features

Contact Base Material	Brass
Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Tin
Contact Underplating Material	None

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

	.122 in
Wire Size	2050 – 5180 CMA
Stud Diameter	4.3 mm[.169 in]
Tongue Thickness	.51 mm[.02 in]
Product Length	16.76 mm[.66 in]
Barrel Inside Diameter	1.14 mm, 3.68 mm[.045 in][.144 in]
Compatible Insulation Diameter (Max)	4.29 mm[.169 in]
Compatible Insulation Diameter Range	3.1 – 4.3 mm[.122 – .169 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Industry Standards

Government Qualified Terminal	No
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Packaging Features

Packaging Quantity	6000
Packaging Method	Strip/Reel

Product Compliance

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





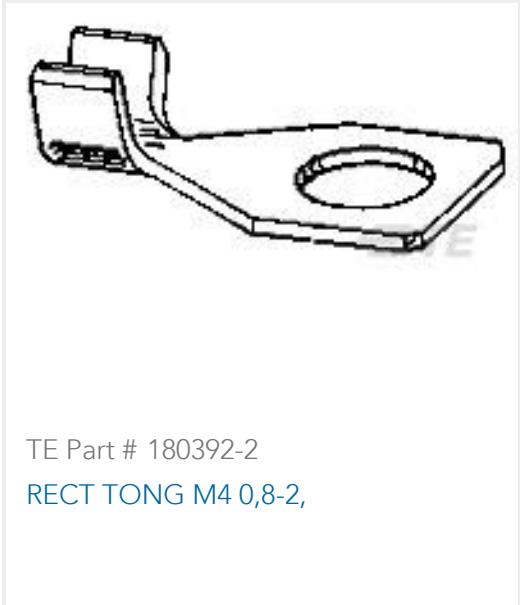



EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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>

Compatible Parts

 <p>TE Part # 170011-1 RING STRIP 18-14 MM2 0.503 X 11.938 BR</p>	 <p>TE Part # 170011-2 RING STRIP 18-14 MM2 0.503 X 11.938 TPBR</p>	 <p>TE Part # 1217160-1 OPEN BARREL RING PHOS BRZ</p>	 <p>TE Part # 170011-3 RING TERMINAL STRIP .165DIA</p>
 <p>TE Part # 180392-2 RECT TONG M4 0,8-2,</p>	 <p>TE Part # 170225-2 RING TERMINAL AUTOMATIC 22-18 AWG TP</p>	 <p>TE Part # 440456-1 RING TERMINAL, TPBR</p>	 <p>TE Part # 41332 RING 18-14 AWG TPBR</p>

Customers Also Bought

 <p>TE Part #1-1123823-1 EP IP PLUG NATURAL</p>	 <p>TE Part #170011-2 RING STRIP 18-14 MM2 0.503 X 11.938 TPBR</p>	 <p>TE Part #171383-1 6 CIRCUIT M-N-L CAP</p>	 <p>TE Part #179861-1 AMP POWER D/LOCK PLUG HSG 4P</p>
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TE Part #1969588-8
HSG, REC, FREE-HANGING, SINGLE ROW,EP2.5



TE Part #170002-4
SHUR PLUG 20-14 AWG 0.5 X 11.44 TPBR



TE Part #3-1123823-1
EP IP PLUG BLUE



TE Part #1376477-4
2.5MM PITCH SIGNAL MATE CONN



TE Part #175024-1
250 PL EX REC. 15-10AWG PTBR



TE Part #42041
250 FASTON FLAG REC 18-12 AWG SPBZ

Documents

Product Drawings

RING STRIP 18-14 MM2 0.503 X 11.938 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_170011-8_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_170011-8_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_170011-8_R.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

Agency Approvals

Agency Approval Document

English