

TE Internal #: 160789-2
Closed Ring Tongue Terminal, 17 – 13 AWG, 5/16 / M8 Stud Size,
8.3 mm [.327 in] Stud Diameter, Open Barrel, Straight, Tin,
Uninsulated
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Terminals & Splices > Ring Terminals



Ring Terminal Product Type: **Closed Ring Tongue Terminal**
Wire Size: **2048 – 5178 CMA**
Stud Size: **5/16, M8**

Features

Product Type Features

Shape Description	Circular/Oval
Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	5/16, M8
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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Body Features

Product Weight	.072 g
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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

	.098 in
Wire Size	2048 – 5178 CMA
Stud Diameter	8.3 mm [.327 in]
Tongue Thickness	.61 mm [.024 in]
Product Length	25.65 mm [1.01 in]
Barrel Inside Diameter	1.65 mm, 2.79 mm [.065 in] [.11 in]
Compatible Insulation Diameter (Max)	3.81 mm [.15 in]
Compatible Insulation Diameter Range	2.34 – 3.81 mm [.098 – .15 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	2200
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC



Free

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 # 160787-1
RING TONGUE IS 18-14 AWG .0840 X .940 BR



TE Part # 2150296-2
OCEAN_2.0_Applicator-E-140F180F-REA



TE Part # 7-2150296-7
OCEAN_2.0_SPARE_PART_KIT-140F180F

Customers Also Bought



TE Part #284514-2
2 POS TERM-BLOK HDR DIR. POL.



TE Part #1-1625890-1
2W SM M/OX 5% 150K



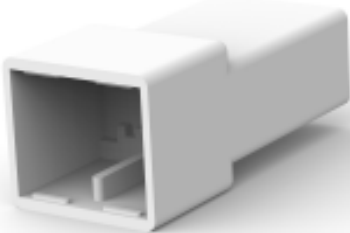
TE Part #965143-1
26POS MQS REC



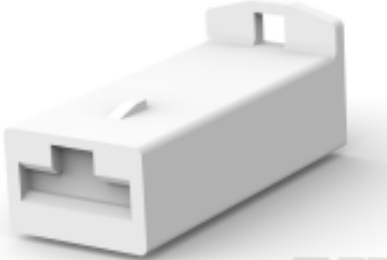
TE Part #SRK02-MDB-32A-001
REC, 32P, BLK, E, FLANGE, B



TE Part #293011-1
5 POS. FASTIN-FASTON CONN. TAB HOUSING R



TE Part #880298-1
2 WAY FF 250 HOUSING TAB NATURAL



TE Part #880305
FF 250 HOUSING REC POLYAMIDE 6.6 NAT



TE Part #2151426-2
OCEAN_2.0 APPLICATOR-S-140F2100-RSA



TE Part #2236047-1
32POS,MIXED,RECEPTACLE
CONNECTOR,COD A



TE Part #7-2151426-7
OCEAN_2.0_SPARE_PART_KIT-
140F2100

Documents

Product Drawings

RING TONGUE IS 1.0-2.5 MM2 TPBR

English

CAD Files

Customer View Model

ENG_CVM_CVM_160789-2_D.3d_igs.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_160789-2_D.2d_dxf.zip

English

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

Product Specifications

Application Specification

English