

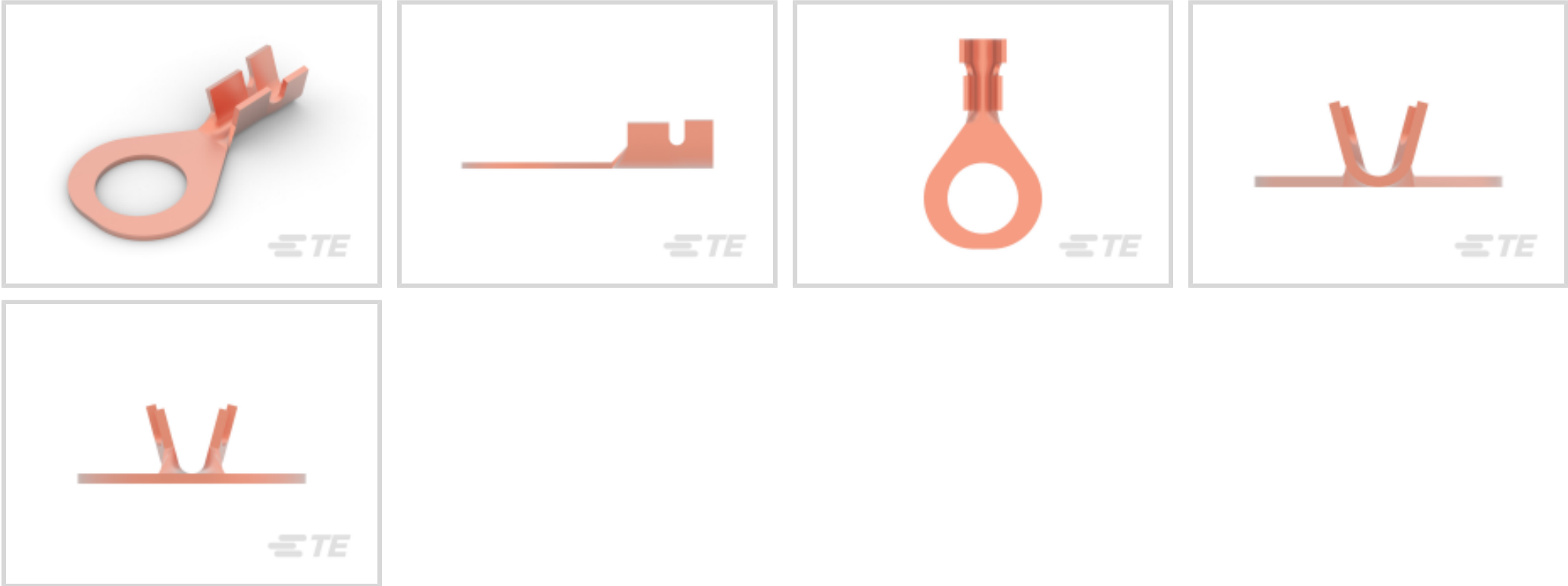


TE Internal #: 160789-3

Closed Ring Tongue Terminal, 17 – 13 AWG, 5/16 / M8 Stud, 8.3 mm [.327 in] Stud Diameter, Open Barrel, Straight, Unplated Plating, 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	.063 g
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Contact Features

Contact Base Material	Phosphor Bronze
Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Unplated
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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 2150296-2
OCEAN_2.0_Applicator-E-140F180F-REA

KIT
REPRESENTATION ONLY

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

Customers Also Bought

TE Part #3870033006
44A1111-20-9-9

TE Part #171661-1
E-J MK-2 070 TAB CONT

TE Part #1544316-1
JOINT VERT G2

TE Part #1544332-1
LANGUETTE 8MM NG1

TE Part #1544606-1
TAB HOUSING, 8MM NG1, 1 WAY

TE Part #2236721-1
ADAPTER, FOR TAB HOUSING, ASSY

TE Part #2817815-3
24POS MQS REC

TE Part #2822356-1
070 TYPE NEW RUBBER PLUG S



Documents

Product Drawings
RING TONGUE I.S.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_160789-3_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_160789-3_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_160789-3_D.3d_stp.zip

English

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

Product Specifications

EB**General Application Specification for Open Barrel Terminals

English

Application Specification

English