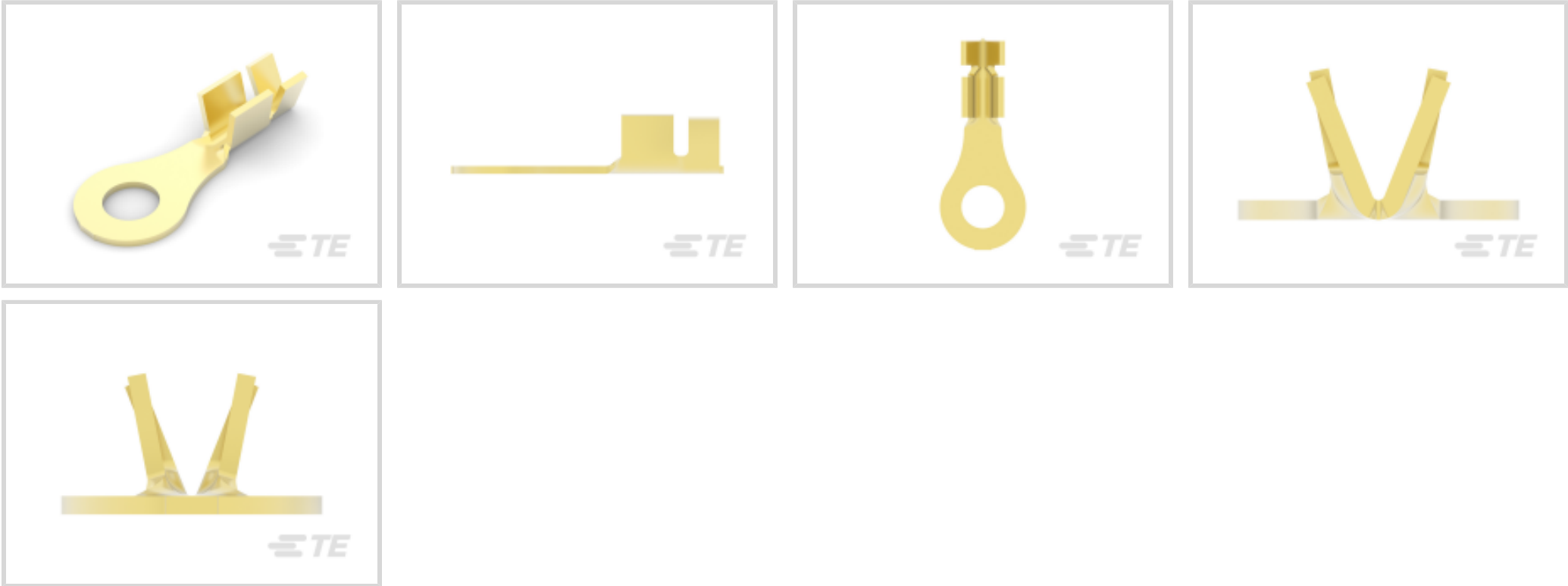




TE Internal #: 160787-1
Ring Terminals & Spade Terminals, Ring Tongue, 18 – 13 AWG
Wire Size, .8 – 2.1 mm² Wire Size, 1624 – 5178 CMA Wire Size, Stud
Size M4 / #8
[View on TE.com >](#)

Terminals & Splices > Ring Terminals & Spade Terminals



Ring & Spade Terminal Type: **Ring Tongue**
Wire Size: **1624 – 5178 CMA**
Stud Size: **#8, M4**

Features

Product Type Features

Shape Description	Circular/Oval
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
Terminal Angle	180 °

Body Features

Weight per Piece	.805 g
------------------	--------

Contact Features

Contact Base Material	Brass
Ring & Spade Terminal Type	Ring Tongue
Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Unplated



Contact Underplating Material	None
-------------------------------	------

Mechanical Attachment

Wire Insulation Support	With
-------------------------	------

Dimensions

	.098 in
Wire Size	1624 – 5178 CMA
Stud Diameter	4.3 mm[.171 in]
Tongue Thickness	.61 mm[.024 in]
Overall Product Length	19.81 mm[.78 in]
Barrel Inside Diameter	1.65 mm, 2.79 mm[.065 in][.11 in]
Accepts Wire Insulation Diameter (Max)	.3 mm[.118 in]
Accepts Wire Insulation Diameter Range	2.5 – 3.56 mm[.098 – .118 in]

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Copper
Heavy Duty	No

Industry Standards

Government Qualified	No
----------------------	----

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: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223)



SVHC > Threshold:
Not Yet Reviewed

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

 TE Part # 160789-2 RING TONGUE IS 1.0-2.5 MM2 TPBR	 TE Part # 160252-2 RING TONGUE IS AUTOMATIC 0.5-1.43MM2TPBR	 TE Part # 160337-2 RING TONGUE IS 18-14 0.295 X .940 TPBR	 TE Part # 160701-2 RING TONGUE 18-14 AWG .030 X .394 NPSTL
 TE Part # 160252-1 RING TONGUE IS AUTOMATIC 0.5-1.43 MM2 BR	 TE Part # 140525 RING TONGUE .205 DIA 20-16 AWG BR	 TE Part # 140546 RING TONGUE 18-14 .236X.390 ELCTRO TPBR	 TE Part # 153261-3 SHAKE PROOF RING TONGUE
 TE Part # 153261-4 SHAKE/PROOF RING TONGUE.	 TE Part # 160101-1 RING TONGUE 20-16 AWG 0.0253 BR	 TE Part # 160101-7 RING TONGUE 20-16 AWG 0.0253 BR	



Customers Also Bought

TE Part #111547-1
010 UNIV I/O STRAIN RELIEF

TE Part #160691-2
FF 250 TAB 22-18AWG TPBR

TE Part #60124-2
RING CRIMP TAB 26-20 AWG TPBR

TE Part #2-1768047-6
STD SNAP-ON MARKERS

TE Part #5-1474644-8
FSN-24A-16

TE Part #1-928918-1
MQS0,63 Sn tab LL unseal. 0,2-0,35

Documents

Product Drawings

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

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_160787-1_A_c-160787-1-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_160787-1_A_c-160787-1-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_160787-1_A_c-160787-1-a.3d_stp.zip

English

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

Product Specifications

Product Specification

English

Product Specification

English