



TE Internal #: 880643-2

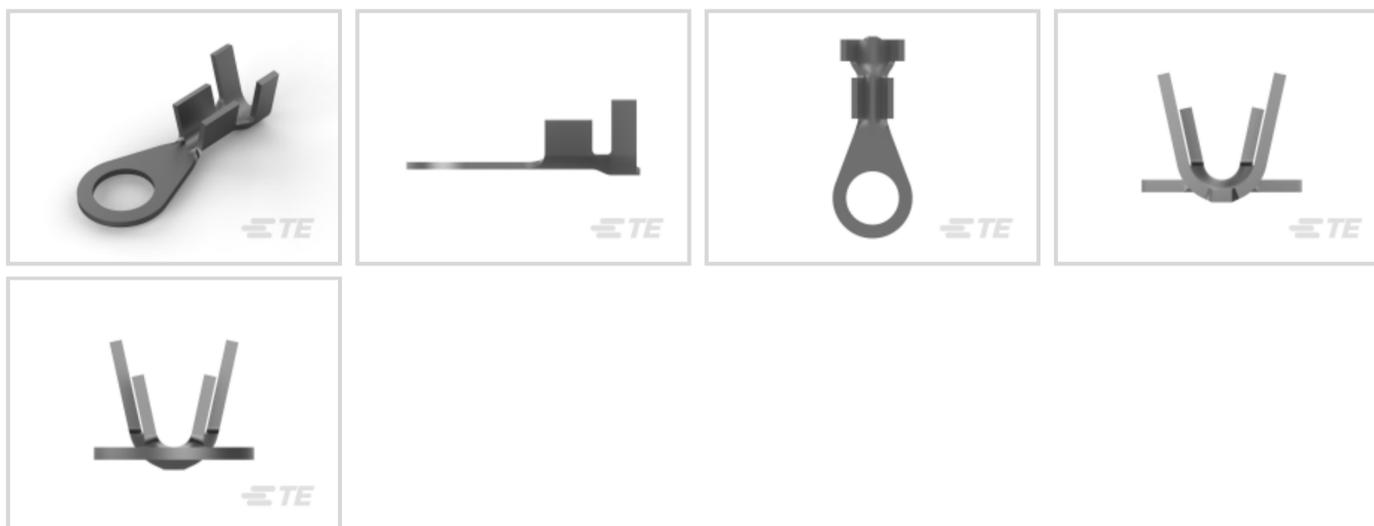
Ring Terminals & Spade Terminals, Ring Tongue, 17 – 13 AWG

Wire Size, 1 – 2.5 mm² Wire Size, 2048 – 5178 CMA Wire Size, Stud

Size #10

[View on TE.com >](#)

Terminals & Splices > Ring Terminals & Spade Terminals



Ring & Spade Terminal Type: **Ring Tongue**

Wire Size: **2048 – 5178 CMA**

Stud Size: **#10**

Features

Product Type Features

Terminal Features	Sheared
Shape Description	RING-028
Stud Size	#10
Sealable	No
Compatible With Discrete Wire Type	Stranded
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Number of Holes	2
Terminal Angle	180 °

Body Features

Inspection Slot	No
Weight per Piece	.633 g

Contact Features

Ring & Spade Terminal Type	Ring Tongue
Barrel Type	Open
Terminal Orientation	Straight



Terminal Plating Material	Tin
---------------------------	-----

Mechanical Attachment

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

Dimensions

Wire Size	2048 – 5178 CMA
Stud Diameter	5.3 mm[.209 in]
Tongue Thickness	.6 mm[.024 in]
Overall Product Length	19.8 mm[.779 in]
Barrel Inside Diameter	1.82 mm, 3.32 mm[.071 in][.13 in]
Accepts Wire Insulation Diameter (Max)	3.99 mm[.157 in]
Accepts Wire Insulation Diameter Range	2.7 – 4 mm[.106 – .157 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Compatible With Wire Base Material	Copper
Heavy Duty	No

Industry Standards

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

Packaging Features

Packaging Quantity	5000
Packaging Method	Tape & Reel

Product Compliance

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

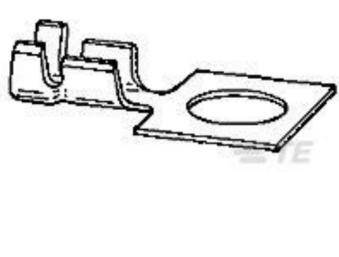
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does 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 # 180390-2 SQUARE TONGUE</p>	 <p>TE Part # 2-2150568-1 OCEAN_2.0_APPLICATOR-E-130F180F</p>	 <p>TE Part # 2-2150568-2 OCEAN_2.0_APPLICATOR-E-130F180F</p>	 <p>TE Part # 2150568-1 OCEAN_2.0_APPLICATOR-E-130F180F</p>
 <p>TE Part # 2150568-2 OCEAN_2.0_APPLICATOR-E-130F180F</p>	 <p>TE Part # 444026-1 RING TONGUE ANTI ROTATIONAL 1-5 MM2 BR</p>	 <p>TE Part # 444026-2 RT ANTI ROTATIONAL 1-5 MM2 ELECTRO TPBR</p>	 <p>TE Part # 626283-4 TERMINAL</p>
 <p>TE Part # 7-2150568-1 OCEAN_2.0_APPLICATOR-E-130F180F</p>	 <p>TE Part # 7-2150568-2 OCEAN_2.0_APPLICATOR-E-130F180F</p>	 <p>KIT REPRESENTATION ONLY</p> <p>TE Part # 7-2150568-7 OCEAN_2.0_SPARE_PART_KIT-130F180F</p>	

Documents



Product Drawings

[RING TONGUE 1.0-2.5 MM2 0.61X14.60 TPBR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_880643-2_A_c-880643-2-a.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_880643-2_A_c-880643-2-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_880643-2_A_c-880643-2-a.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