

41581 ✓ ACTIVE

TE Internal #: 41581

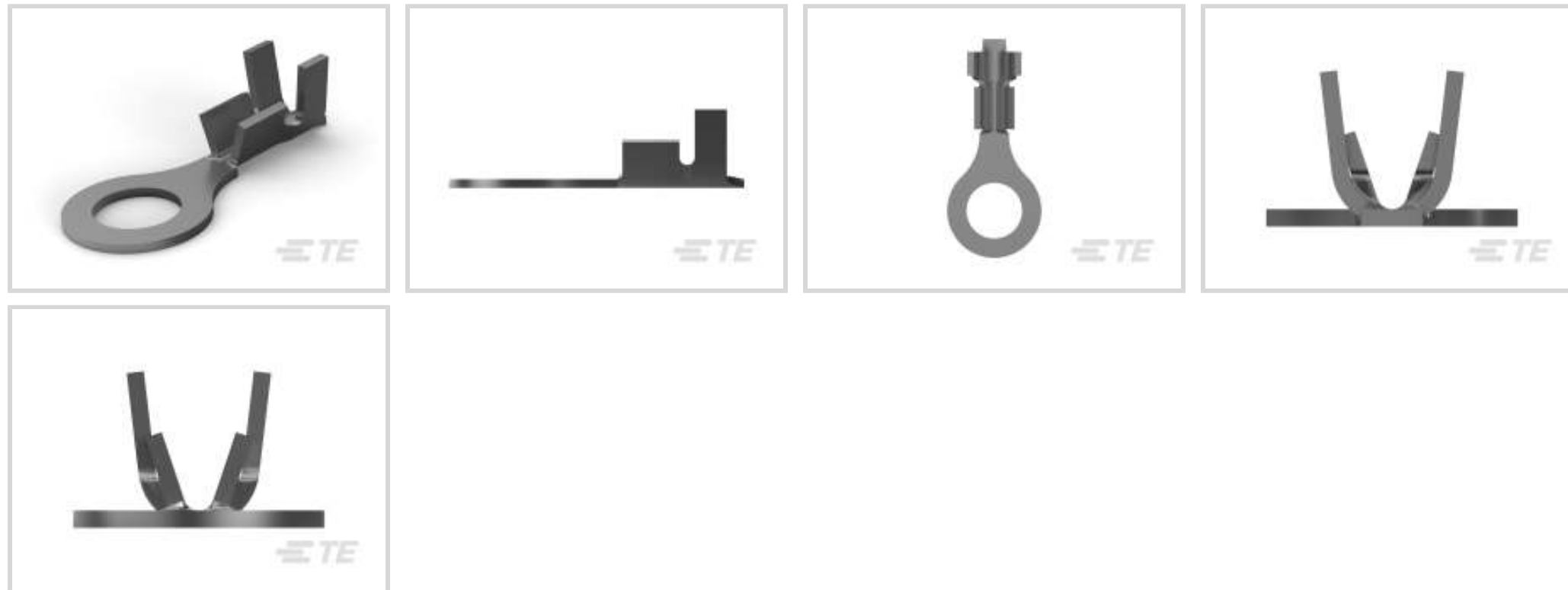
Ring Terminals & Spade Terminals, Ring Tongue, 24 – 20 AWG

Wire Size, .2 – .6 mm<sup>2</sup> Wire Size, 404 – 1021 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: **404 – 1021 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
-----------------	---

### Body Features

Product Weight	.578 g
----------------	--------

### Contact Features

Contact Base Material	Brass
Ring & Spade Terminal Type	Ring Tongue
Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Tin
Contact Underplating Material	Nickel



### Mechanical Attachment

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

### Dimensions

	.08 in
Wire Size	404 – 1021 CMA
Stud Diameter	4.34 mm[.171 in]
Tongue Thickness	.51 mm[.02 in]
Product Length	16 mm[.63 in]
Barrel Inside Diameter	.89 mm, 2.54 mm[.035 in][.1 in]
Compatible Insulation Diameter (Max)	2.54 mm[.1 in]
Compatible Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 in]

### Usage Conditions

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

### Operation/Application

Compatible With Wire Base Material	Copper
------------------------------------	--------

### Industry Standards

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

### Packaging Features

Packaging Quantity	15000
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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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



TE Part # 61238-1  
SPADE CRIMP 24-20 AWG TPBR



TE Part # 2-2150283-1  
OCEAN\_2.0\_Applicator-S-080F130F



TE Part # 2-2150283-2  
OCEAN\_2.0\_Applicator-S-080F130F



TE Part # 2150283-1  
OCEAN\_2.0\_Applicator-S-080F130F



TE Part # 2150283-2  
OCEAN\_2.0\_Applicator-S-080F130F



TE Part # 7-2150283-1  
OCEAN\_2.0\_Applicator-S-080F130F



TE Part # 7-2150283-2  
OCEAN\_2.0\_Applicator-S-080F130F



TE Part # 7-2150283-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-080F130F

### Customers Also Bought



TE Part #206036-8  
RECEPT,SZ 17-16 CPC,W/INSERTS



TE Part #3-647630-4  
04P MTA100 HRD ASSY F/L LF



TE Part #42037-2  
RING TERMINAL 22-18 AWG TPBR



TE Part #336075-3  
250 FASTON,REC.,20-16 AWG,PTBR



## Documents

### Product Drawings

[RT .171 DIA TERMINAL 24-20 AWG TPBR](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_41581\\_AA\\_c-41581-aa.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_41581\\_AA\\_c-41581-aa.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_41581\\_AA\\_c-41581-aa.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

### Product Environmental Compliance

[Product Compliance Document](#)

English

[Product Compliance Document](#)

English

### Agency Approvals

[UL Report](#)

English