

41581 ✓ ACTIVE

TE Internal #: 41581

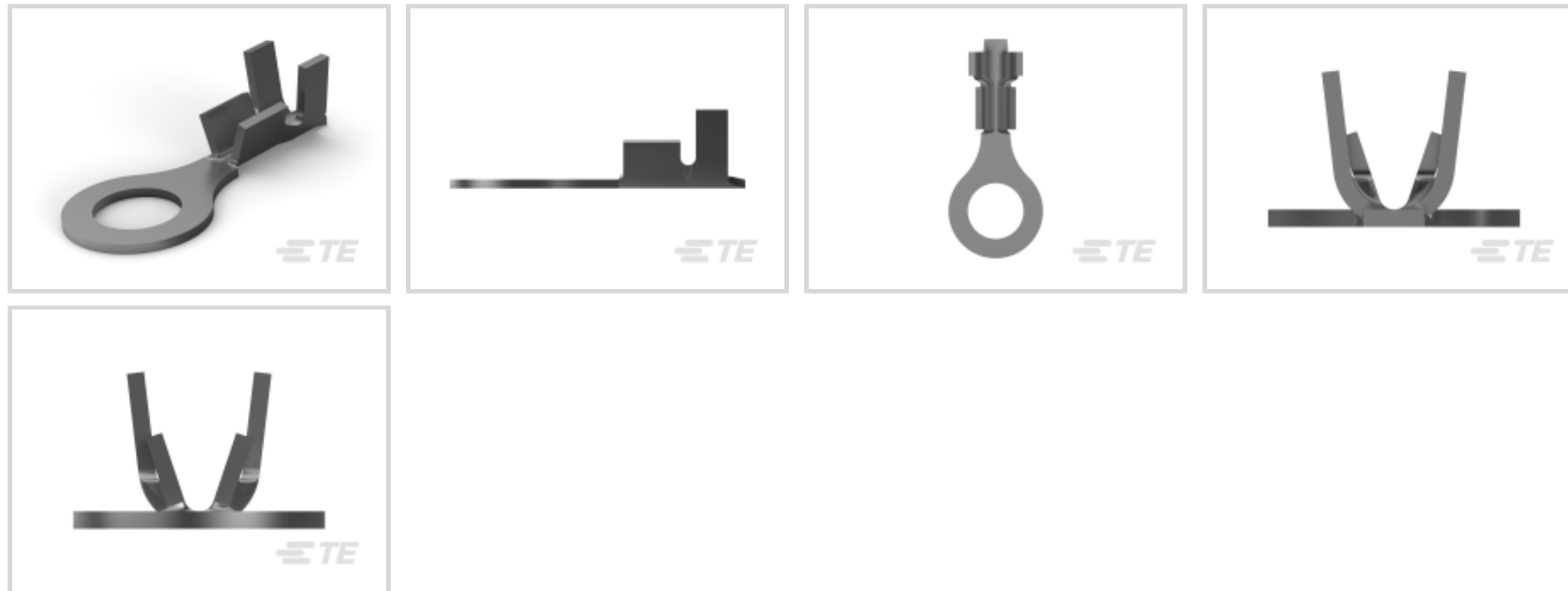
Ring Terminals & Spade Terminals, Ring Tongue, 24 – 20 AWG

Wire Size, .2 – .6 mm<sup>2</sup> Wire Size, 404 – 1021 CMA Wire Size, Stud  
Size M4 / #8

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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
Terminal Angle	180 °

### Body Features

Inspection Slot	No
Weight per Piece	.578 g

### Contact Features

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



Terminal Plating Material	Tin
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Contact Underplating Material	Nickel
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### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

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

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

Compatible With Wire Base Material	Copper
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Heavy Duty	No
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### Industry Standards

Government Qualified	No
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### Packaging Features

Packaging Quantity	15000
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Packaging Method	Strip/Reel
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224)
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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 # 61238-1 SPADE CRIMP 24-20 AWG TPBR</p>	 <p>TE Part # 2-2150283-1 OCEAN_2.0_Applicator-S-080F130F</p>	 <p>TE Part # 2-2150283-2 OCEAN_2.0_Applicator-S-080F130F</p>	 <p>TE Part # 2150283-1 OCEAN_2.0_Applicator-S-080F130F</p>
 <p>TE Part # 2150283-2 OCEAN_2.0_Applicator-S-080F130F</p>	 <p>TE Part # 7-2150283-1 OCEAN_2.0_Applicator-S-080F130F</p>	 <p>TE Part # 7-2150283-2 OCEAN_2.0_Applicator-S-080F130F</p>	 <p>TE Part # 7-2150283-7 OCEAN_2.0_SPARE_PART_KIT-080F130F</p>

### Customers Also Bought



TE Part #5-2232263-3  
PTL 1X3 CAP PANEL MT GLW WIRE  
KEY A DGR



TE Part #1676317-2  
RN 0805 37K4 0.1% 10PPM 1KRL



TE Part #3-1534796-9  
AMP DUOPLUG MK2 CONNECTOR 9P



TE Part #6-1971773-4  
PTL 1X4 PLUG HSG HIGH TEMP KEY  
B RED



TE Part #1-2232890-0  
10P MONOPLUG 2.5 SELECTIVELY  
LOADED



TE Part #1633917-1  
ANVIL COMBINATION



TE Part #8-2293382-3  
AMP MONO-SHAPE TAB CONN 3P  
GW-V0



TE Part #2331087-1  
250 HSG. PL MKII REC. 9mm 2P NAT  
GW-V0

## 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

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### Product Specifications

[Engineering Report](#)

English

### Product Environmental Compliance

[MD\\_41581\\_020620182349\\_dmtec](#)

English

[MD\\_41581\\_020620182349\\_dmtec](#)

English

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Wire Size, 404 – 1021 CMA Wire Size, Stud Size M4 / #8

