

160101-9 ✓ ACTIVE

TE Internal #: 160101-9

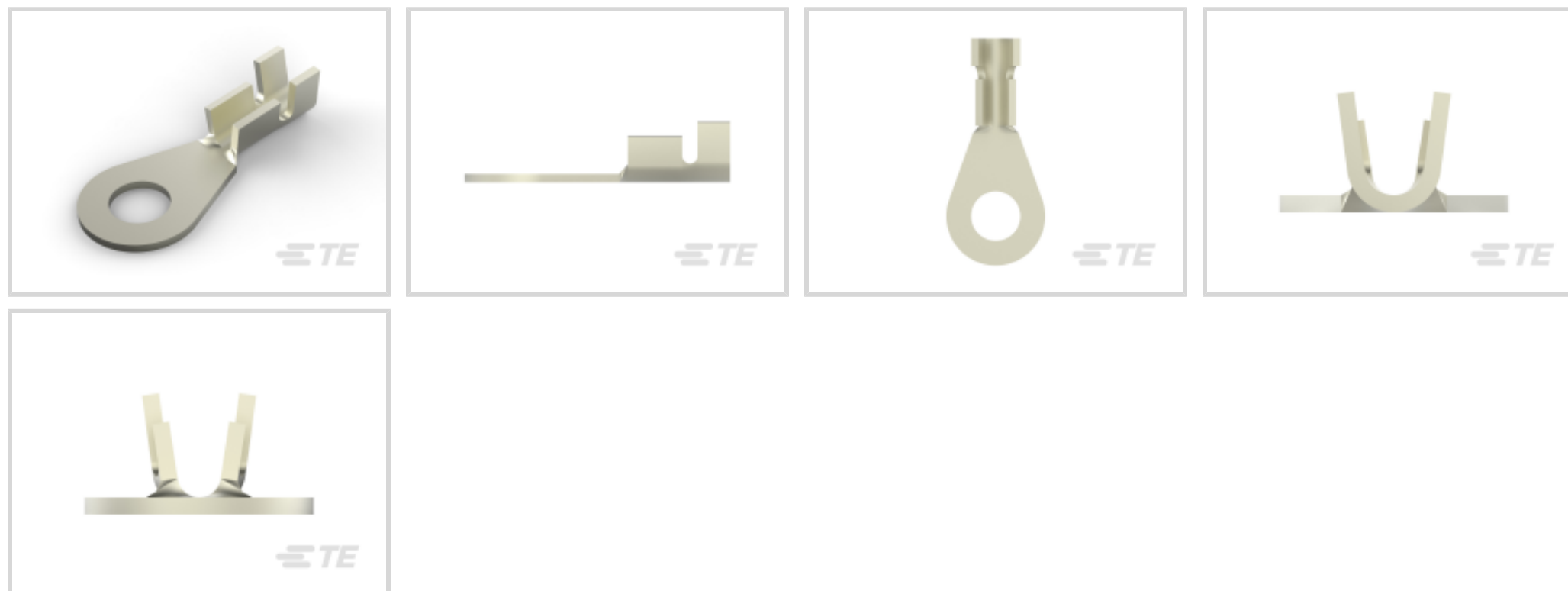
Ring Terminals & Spade Terminals, Ring Tongue, 20 – 16 AWG

Wire Size, .5 – 1.5 mm<sup>2</sup> Wire Size, 1021 – 2582 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: **1021 – 2582 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	.628 g

### Contact Features

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



Terminal Plating Material	Nickel
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Contact Underplating Material	None
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### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

	.08 in
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Wire Size	1021 – 2582 CMA
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Stud Diameter	4.3 mm[.169 in]
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Tongue Thickness	.76 mm[.03 in]
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Overall Product Length	19.81 mm[.78 in]
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Barrel Inside Diameter	1.65 mm, 2.28 mm[.065 in][.09 in]
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Accepts Wire Insulation Diameter (Max)	3.05 mm[.12 in]
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Accepts Wire Insulation Diameter Range	2.03 – 3.04 mm[.08 – .12 in]
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### Usage Conditions

Insulation Option	Uninsulated
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Operating Temperature Range	-40 – 250 °C[-40 – 482 °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	6000
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Packaging Method	Strip/Reel
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### Other

Comment	Reeled with interleaving paper strip.
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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)

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 # 2150304-1  
OCEAN\_2.0\_Applicator-E-110F140F



**KIT**  
REPRESENTATION ONLY

TE Part # 7-2150304-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-110F140F



TE Part # 1742775-1  
RT .129 DIA TERMINAL .062 CABLE ST



TE Part # 1742777-1  
RT .262 DIA TERMINAL .062 CABLE ST



TE Part # 2-2150304-1  
OCEAN\_2.0\_Applicator-E-110F140F



TE Part # 2-2150304-2  
OCEAN\_2.0\_Applicator-E-110F140F



TE Part # 2150304-2  
OCEAN\_2.0\_Applicator-E-110F140F



TE Part # 7-2150304-1  
OCEAN\_2.0\_Applicator-E-110F140F



## Customers Also Bought



## Documents

### Product Drawings

RING TONGUE 20-16 AWG 0.0253 NPBR

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_160101-9\_Y.2d\_dxf.zip



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_160101-9\\_Y.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_160101-9\\_Y.3d\\_stp.zip](#)

English

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

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## Product Specifications

[Application Specification](#)

English

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## Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English