



TE Internal #: 160344-2

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

Wire Size, .5 – 1.5 mm<sup>2</sup> Wire Size, 1022 – 2583 CMA Wire Size, Stud Size M3

[View on TE.com >](#)

Terminals & Splices > Ring Terminals & Spade Terminals



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

Wire Size: **1022 – 2583 CMA**

Stud Size: **M3**

## Features

### Product Type Features

Shape Description	Circular/Oval
Stud Size	M3
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	.312 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	None
-------------------------------	------

### Mechanical Attachment

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

### Dimensions

	.075 in
--	---------

Wire Size	1022 – 2583 CMA
-----------	-----------------

Stud Diameter	3.2 mm[.126 in]
---------------	-----------------

Tongue Thickness	.51 mm[.02 in]
------------------	----------------

Overall Product Length	11.68 mm[.46 in]
------------------------	------------------

Barrel Inside Diameter	1.9 mm, 2.15 mm[.075 in][.085 in]
------------------------	-----------------------------------

Accepts Wire Insulation Diameter (Max)	2.79 mm[.11 in]
--	-----------------

Accepts Wire Insulation Diameter Range	1.9 – 2.8 mm[.075 – .11 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	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 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 # 62638-1  
RING TONGUE 22-20 AWG TPBR



TE Part # 2-2150381-1  
OCEAN\_2.0\_APPLICATIONER-E-120F140F



TE Part # 2-2150381-2  
OCEAN\_2.0\_APPLICATIONER-E-120F140F



TE Part # 2-4150048-2  
OCEAN-2.0-APPLICATIONER-E-120F1400



TE Part # 2150381-1  
OCEAN\_2.0\_APPLICATIONER-E-120F140F



TE Part # 2150381-2  
OCEAN\_2.0\_APPLICATIONER-E-120F140F



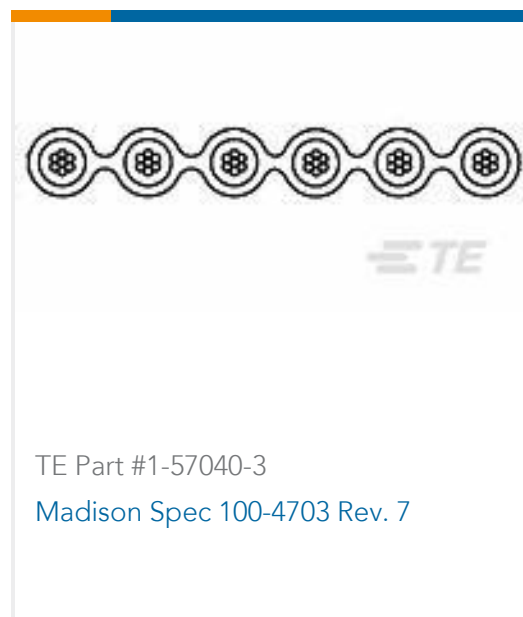
TE Part # 626235-2  
RING TONGUE 22-18 AWG 0.50 X 9.144 BR



TE Part # 7-2150381-1  
OCEAN\_2.0\_APPLICATIONER-E-120F140F



### Customers Also Bought



### Documents

#### Product Drawings

[RING TONGUE 20-16 AWG .025 X .840](#)

English

#### CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_160344-2\\_G.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_160344-2\\_G.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_160344-2\\_G.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**

[MD\\_160344-2\\_10272017958\\_dmtec](#)

English

[MD\\_160344-2\\_10272017958\\_dmtec](#)

English