

41456 ✓ ACTIVE

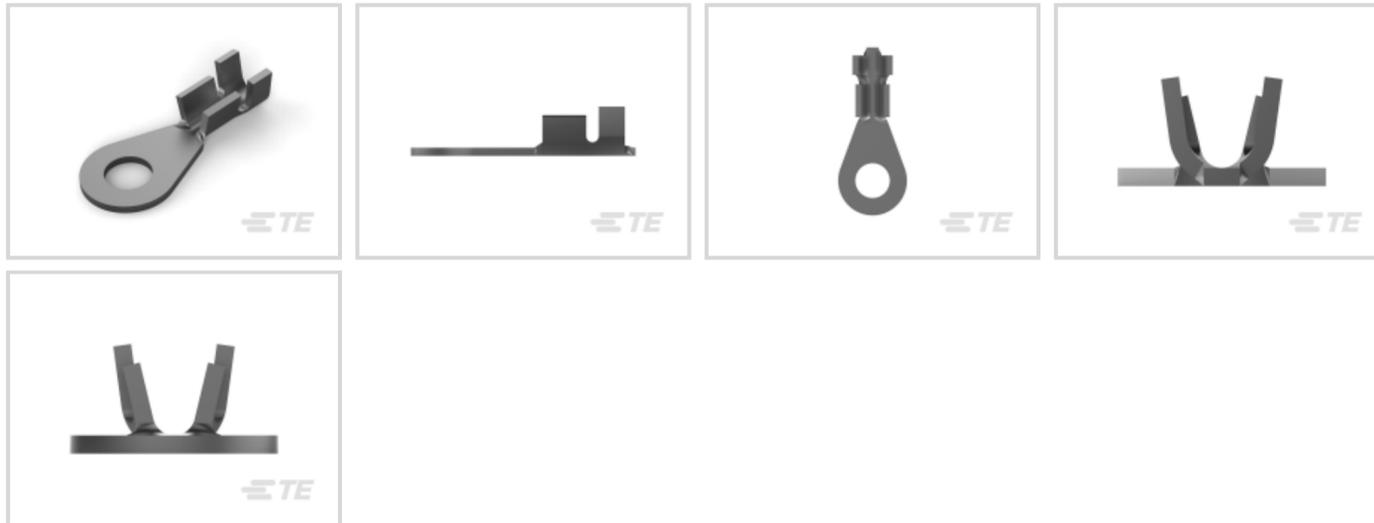
TE Internal #: 41456

Closed Ring Tongue Terminal, 20 – 15 AWG, #8 / M4 Stud Size,  
4.34 mm [.171 in] Stud Diameter, Open Barrel, Straight, Tin,  
Uninsulated

[View on TE.com >](#)



Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 1021 – 2582 CMA

Stud Size: #8, M4

## Features

### Product Type Features

Shape Description	Circular/Oval
Ring Terminal Product Type	Closed Ring Tongue Terminal
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	.871 g
----------------	--------

### Contact Features

Contact Base Material	Brass
Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Tin
Contact Underplating Material	None



### Mechanical Attachment

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

### Dimensions

	.098 in
Wire Size	1021 – 2582 CMA
Stud Diameter	4.34 mm [.171 in]
Tongue Thickness	.76 mm [.03 in]
Product Length	20.07 mm [.79 in]
Barrel Inside Diameter	1.77 mm, 2.92 mm [.07 in] [.115 in]
Compatible Insulation Diameter (Max)	3.61 mm [.142 in]
Compatible Insulation Diameter Range	2.5 – 3.6 mm [.098 – .142 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	10000
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 160668-6  
TERMINAL

TE Part # 2150470-1  
OCEAN\_2.0\_Applicator-E-130F180F-REM

TE Part # 2150470-2  
OCEAN\_2.0\_Applicator-E-130F180F-REA

TE Part # 7-2150470-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-130F180F

### Customers Also Bought

TE Part #181953-1  
250 FASTON,TAB,BR

TE Part #40723  
RING 138(3.50 MM) TERMINAL18-14 AWG TPBR

TE Part #62612-2  
RING .164 12-10 AWG 0245 TPCRS

TE Part #62852-1  
110 FASTON REC 18-14 AWG TPBR

TE Part #2-320856-1  
TERMINAL,SOLIS SPD FLG 16-14 8

TE Part #464291-1  
ANVIL, SAND-BLASTED 22-18

TE Part #1863005-1  
12P UMNL PLUG HSG

TE Part #154512-2  
187 FASTON HSG.,REC.,1 POS, NATURAL



## Documents

### Product Drawings

#### RING TERMINAL 20-16 AWG TPBR

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_41456\\_AA\\_c-41456-aa.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_41456\\_AA\\_c-41456-aa.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_41456\\_AA\\_c-41456-aa.3d\\_stp.zip](#)

English

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

### Product Specifications

#### Engineering Report

English

### Agency Approvals

#### Agency Approval Document

English