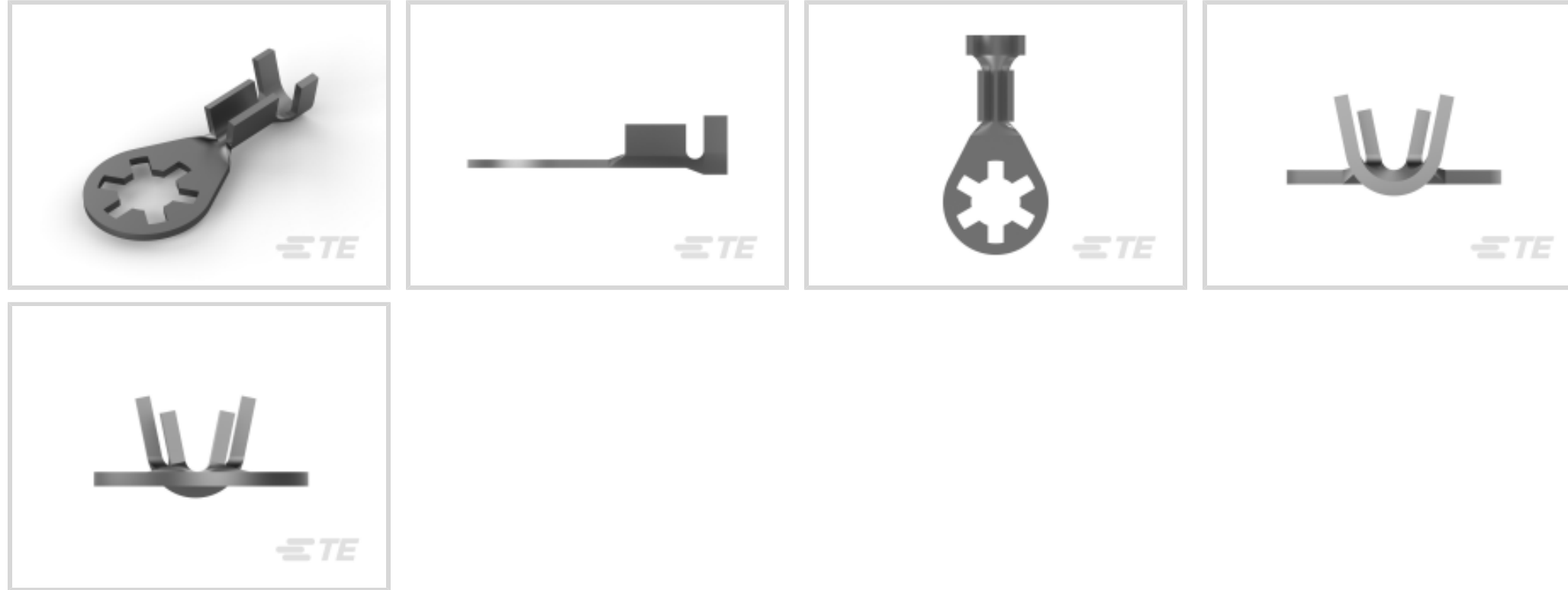


TE Internal #: 640204-1  
 Closed Ring Tongue Terminal, 22 – 18 AWG, #8 / M4 Stud Size,  
 4.39 mm [.173 in] Stud Diameter, Open Barrel, Straight, Tin,  
 Uninsulated

[View on TE.com >](#)



Terminals & Splices > Ring Terminals



Ring Terminal Product Type: **Closed Ring Tongue Terminal**

Wire Size: **640 – 1624 CMA**

Stud Size: **#8, M4**

## Features

### Product Type Features

Terminal Features	Sheared
Shape Description	Anti-Rotational/Grounding
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
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### Body Features

Product Weight	.594 g
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### Contact Features

Contact Base Material	Steel
Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Tin



Contact Underplating Material	Nickel
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### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

	.08 in
Wire Size	640 – 1624 CMA
Stud Diameter	4.39 mm [.173 in]
Tongue Thickness	.76 mm [.03 in]
Product Length	19.56 mm [.77 in]
Barrel Inside Diameter	1.14 mm, 3.04 mm [.045 in] [.12 in]
Compatible Insulation Diameter (Max)	3.05 mm [.12 in]
Compatible Insulation Diameter Range	2.03 – 3.05 mm [.08 – .12 in]

### Usage Conditions

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

### Operation/Application

Compatible With Wire Base Material	Copper
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### Industry Standards

Government Qualified Terminal	No
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### Packaging Features

Packaging Quantity	9000
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

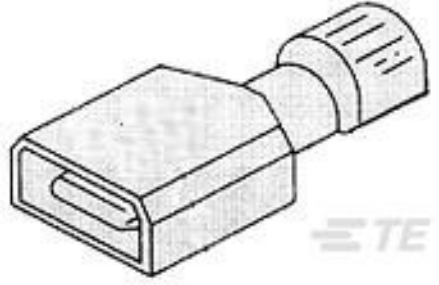
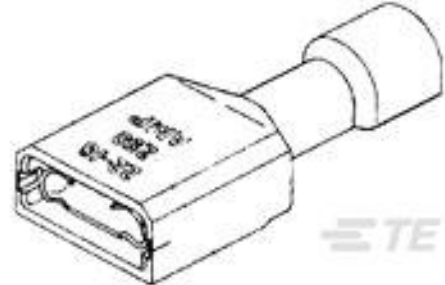


Product Compliance Disclaimer

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

 <p>TE Part # 2150257-1 OCEAN_2.0_Applicator-E-100F180F-REM</p>	 <p>TE Part # 2150257-2 OCEAN_2.0_Applicator-E-100F180F-REA</p>	 <p>KIT REPRESENTATION ONLY</p> <p>TE Part # 7-2150257-7 OCEAN_2.0_SPARE_PART_KIT-100F180F</p>
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### Customers Also Bought

 <p>TE Part #61988-2 250 FASTON REC 22-18 AWG TPBR</p>	 <p>TE Part #3-521142-2 ULTRA-FAST 250 ASY TAB 16-14 AWG TPBR</p>	 <p>TE Part #794220-1 MINI UMNL2 PIN 22-18 AWG SN</p>	 <p>TE Part #2-520261-2 ULTRA-FAST 187 ASY REC 22-18 TPBR</p>
 <p>TE Part #485043-1 SPLICE 4000-9000 .020 BR</p>	 <p>TE Part #4-2176056-2 RLP73K 2B R51 5% 5K RL</p>	 <p>TE Part #520197P044 RT-3-NO.2-0-1.125IN</p>	 <p>TE Part #62638-1 RING TONGUE 22-20 AWG TPBR</p>



## Documents

### Product Drawings

[RING .164 \(4.17 MM\) 22-18 AWG TPST](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_640204-1\\_T.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_640204-1\\_T.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_640204-1\\_T.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