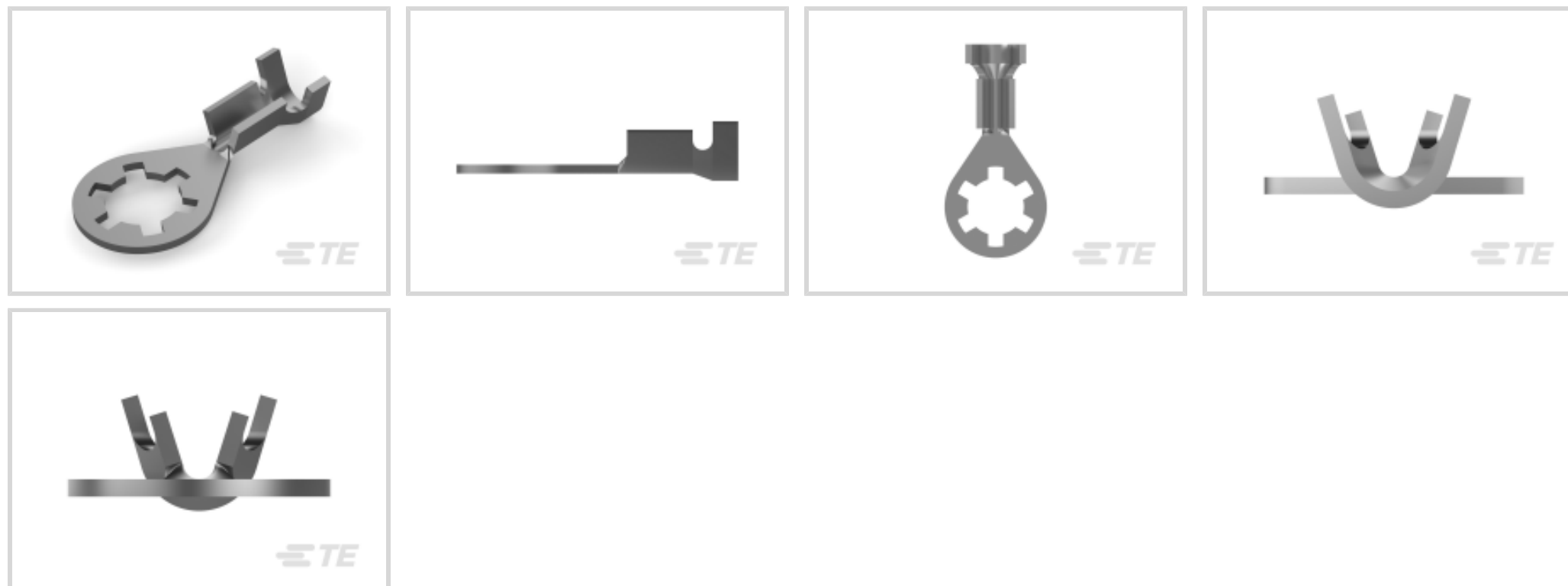




Terminals & Splices > Ring Terminals



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

Wire Size: **640 – 1624 CMA**

Stud Size: **#10**

### Features

#### Product Type Features

Terminal Features	Sheared
Shape Description	Anti-Rotational/Grounding
Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#10
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	.619 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	5 mm [.197 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	7500
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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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</p>	 <p>TE Part # 2150257-2 OCEAN_2.0_Applicator-E-100F180F</p>	 <p>TE Part # 7-2150257-1 OCEAN_2.0_Applicator-E-100F180F</p>	 <p>TE Part # 7-2150257-2 OCEAN_2.0_Applicator-E-100F180F</p>
 <p><b>KIT</b></p> <p>TE Part # 7-2150257-7 OCEAN_2.0_SPARE_PART_KIT-100F180F</p>	 <p>TE Part # 2-2150257-2 OCEAN_2.0_Applicator-E-100F180F</p>		

### Customers Also Bought

 <p>TE Part #60465-1 250 FASTON TAB BR</p>	 <p>TE Part #61624-1 RING CRIMP 16-12 AWG BR</p>	 <p>TE Part #1897058-1 CONNECTOR .125/.250 SERIES</p>	 <p>TE Part #1-2176338-3 CRGCQ 0402 100R 5%</p>
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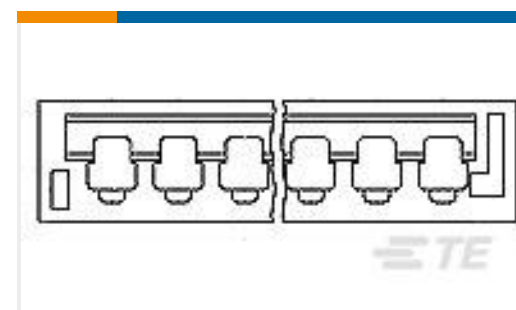
TE Part #2-324075-1  
TERMINAL,PIDG R 26-22 10



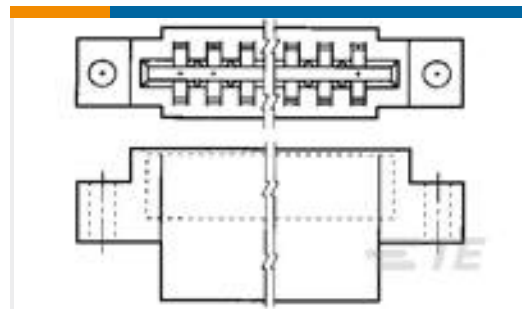
TE Part #1-1969443-0  
EP 2.5 TPA Retainer, 10 Pos



TE Part #1217039-1  
TIMER CONNECTOR GEN 3 18-14  
POST-TPBR



TE Part #640136-8  
08P EDGE CONN HSG, BIF-LEAF  
POST-TPBR



TE Part #2-583859-3  
HOUSING



TE Part #2238155-1  
POS LOCK 250 Rec, MKII, 18-14 TPBR

## Documents

### Product Drawings

#### RING 22-18 AWG TPST

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_640271-3\\_T.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_640271-3\\_T.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_640271-3\\_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

### Product Environmental Compliance

[MD\\_640271-3\\_10032012250](#)

English

[MD\\_640271-3\\_10032012250](#)

English

640271-3

Closed Ring Tongue Terminal, 22 – 18 AWG, #10 Stud Size, 5 mm [.197 in] Stud Diameter, Open Barrel, Straight, Tin, Uninsulated

