

60320-2 ✓ ACTIVE

AMPLIVAR

TE Internal #: 60320-2

Ring Terminals & Spade Terminals, Ring Tongue, 18 – 14 AWG

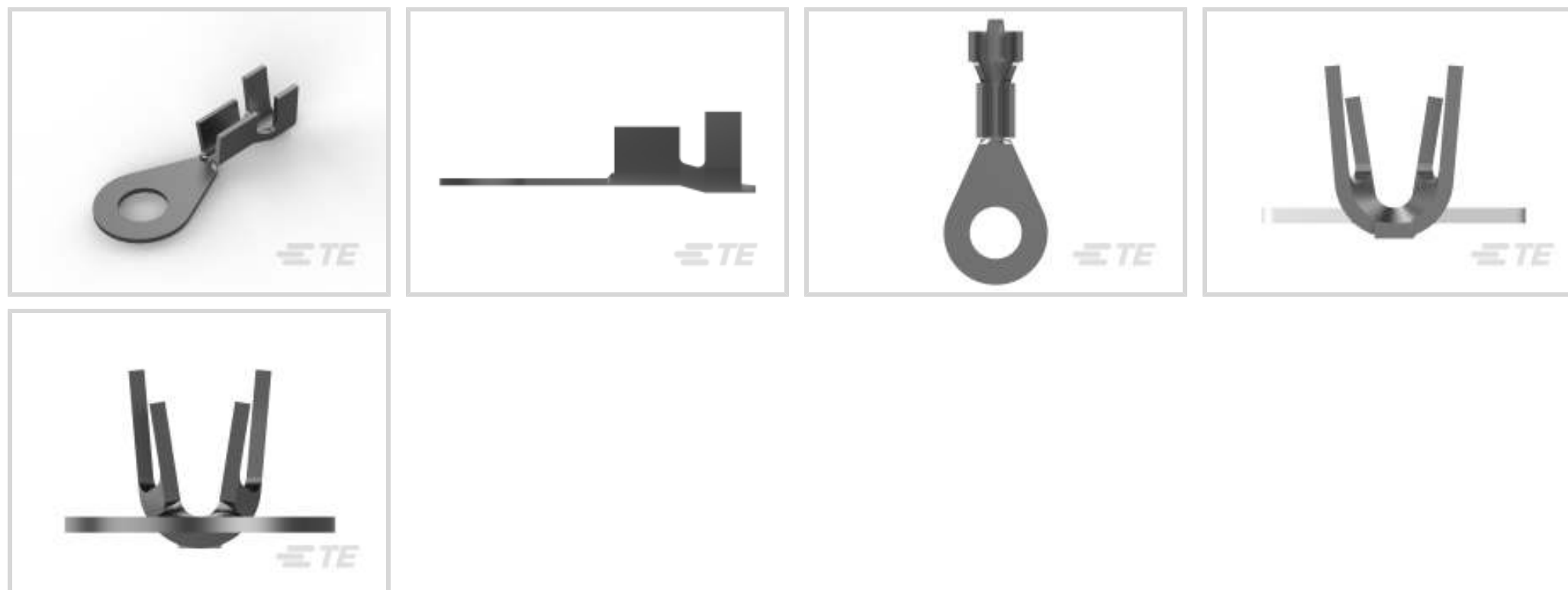
Wire Size, .823 – 2.08 mm<sup>2</sup> Wire Size, 1624 – 4109 CMA Wire Size,

AMPLIVAR

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Terminals & Splices > Ring Terminals & Spade Terminals



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

Wire Size: **1624 – 4109 CMA**

Stud Size: **#8, M4**

**Features**

**Product Type Features**

Shape Description	RING-028
Stud Size	#8, M4
Sealable	No
Compatible With Discrete Wire Type	Magnet Wire
Wire Insulation Support Retention Type	Insulation Support

**Configuration Features**

Number of Holes	1
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**Contact Features**

Ring & Spade Terminal Type	Ring Tongue
Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Tin
Contact Underplating Material	Brass

**Mechanical Attachment**

Wire Insulation Support	With
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### Dimensions

Wire Size	1624 – 4109 CMA
Stud Diameter	4.17 mm[.164 in]
Tongue Thickness	.5 mm[.02 in]
Product Length	21.15 mm[.831 in]
Barrel Inside Diameter	1.27 mm, 2.92 mm[.05 in][.115 in]
Compatible Insulation Diameter (Max)	3.56 mm[.14 in]
Compatible Insulation Diameter Range	2.54 – 3.56 mm[.1 – .14 in]

### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

### Operation/Application

Compatible With Wire Base Material	Aluminum, Copper
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### Industry Standards

Government Qualified Terminal	No
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### Packaging Features

Packaging Quantity	10000
Packaging Method	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: JAN 2023 (233) 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 # 63612-1 RING AMVAR 22-18 025TPBR</p>	 <p>TE Part # 63147-1 AMVAR RING 13 1/2-17 020BR</p>	 <p>TE Part # 63399-1 AMPLIVAR RING 22-29 10 TPBR</p>	 <p>TE Part # 62755-1 RING AMVAR 14-12 2 15025 BR</p>
 <p>TE Part # 1930001-1 Amplivar, (M3.5) Ring Tongue</p>	 <p>TE Part # 485044-1 RING AMVAR 18-14 IS 8 028LUBZ</p>	 <p>TE Part # 63446-1 AMVAR RING 22-18 025BR</p>	 <p>TE Part # 2-2150404-2 OCEAN_2.0_Applicator-E-110F155F</p>
 <p>TE Part # 2150404-2 OCEAN_2.0_Applicator-E-110F155F</p>	 <p>TE Part # 485079-1 RING AMVAR 18-14 IS 8 028 LUBZ</p>	 <p>TE Part # 505044-1 STUD RTNG AMVAR TERM .020 BR</p>	 <p>TE Part # 60321-2 AMPLIVAR RG 23-19 8 TPBR</p>
 <p>TE Part # 62835-1 RING AMVAR 22-18 025 TPBR</p>	 <p>TE Part # 63446-2 AMVAR RING 22-18 025TPBR</p>	 <p>TE Part # 63649-1 RING AMVAR 22-18 025TPBR</p>	 <p><b>KIT</b> REPRESENTATION ONLY</p> <p>TE Part # 7-2150404-7 OCEAN_2.0_SPARE_PART_KIT-110F155F</p>

## Also in the Series | AMPLIVAR



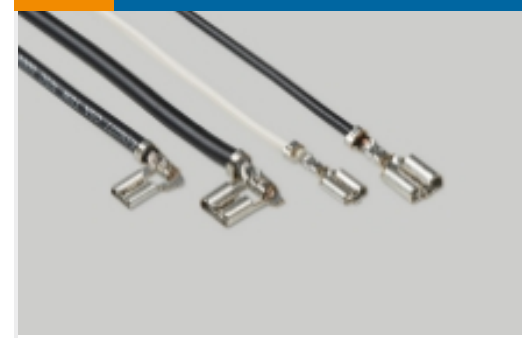
Crimp Wire Pins, Tabs & Ferrules(5)



Magnet Wire Terminals(4)



PCB Terminals(1)



Quick Disconnects(41)



Ring Terminals & Spade Terminals(28)



Splices(77)

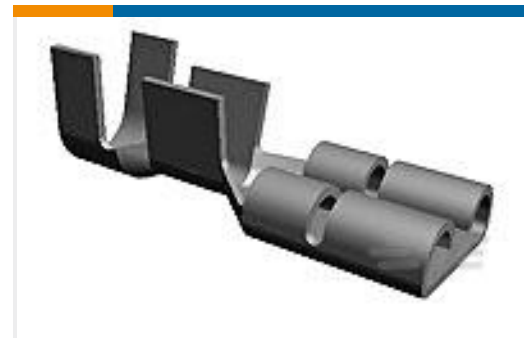
## Customers Also Bought



TE Part #91559-1  
CCI D-3 M REC TAB 24-20 ASSY



TE Part #350199-1  
RING TONGUE TERMINAL 18-14  
AWG NIPST



TE Part #63609-2  
250 FASTON REC 22-18 AWG TPBR



TE Part #160336-2  
RING TONGUE IS 12-10 0.295 X .650  
TPBR



TE Part #2151071-1  
OCEAN\_2.0\_Applicator-S-062F074F



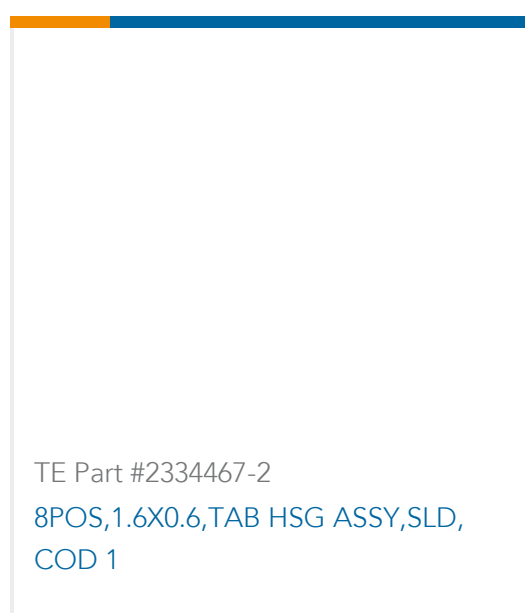
TE Part #1803095-1  
FLOATING SHEAR, FRONT



TE Part #200277-4  
BLOCK,50 POSN,M SERIES



TE Part #2119791-5  
Depressor, Wire



TE Part #2334467-2  
8POS,1.6X0.6,TAB HSG ASSY,SLD,  
COD 1



TE Part #354003-4  
CRIMPER, "F"



## Documents

### Product Drawings

[AMPLIVAR RG 18-14 #8 TPBR](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_60320-2\\_Y.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_60320-2\\_Y.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_60320-2\\_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

[MD\\_60320-2\\_091720181259\\_dmtec](#)

English

[MD\\_60320-2\\_091720181259\\_dmtec](#)

English