

63446-1 ✓ ACTIVE

AMPLIVAR

TE Internal #: 63446-1

Ring Terminals & Spade Terminals, Ring Tongue, 22 – 18 AWG

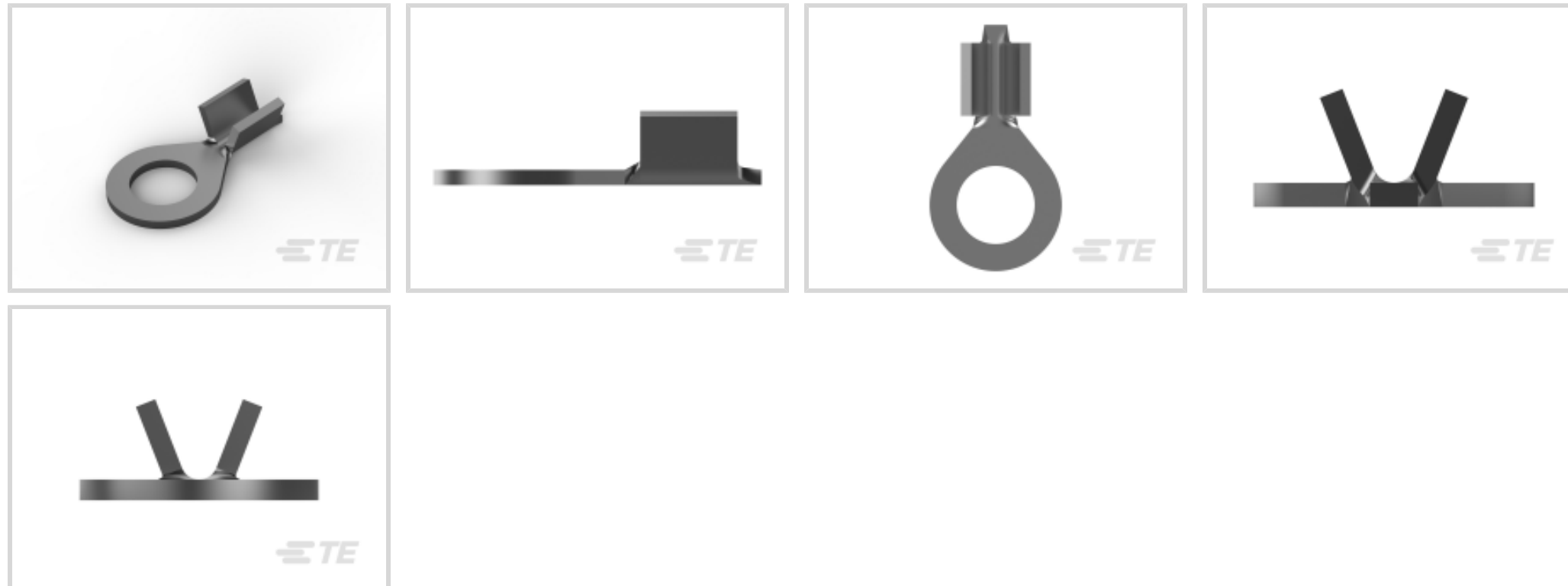
Wire Size, .68 – 1.06 mm² Wire Size, 640 – 1624 CMA Wire Size,

Stud Size M4 / #8, AMPLIVAR

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Terminals & Splices > Ring Terminals & Spade Terminals



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

Wire Size: **640 – 1624 CMA**

Stud Size: **#8, M4**

Features

Product Type Features

Shape Description	RING-030
Stud Size	#8, M4
Sealable	No
Compatible With Discrete Wire Type	Magnet Wire
Wire Insulation Support Retention Type	Non-Insulation Support

Configuration Features

Number of Holes	1
Terminal Angle	180 °

Contact Features

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

Mechanical Attachment



Wire Insulation Support	Without
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Dimensions

Wire Size	640 – 1624 CMA
Stud Diameter	4.17 mm[.164 in]
Tongue Thickness	.63 mm[.025 in]
Overall Product Length	12.7 mm[.5 in]
Barrel Inside Diameter	1.14 mm[.045 in]

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Aluminum, Copper
Heavy Duty	No

Industry Standards

Government Qualified	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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 63147-1 AMVAR RING 13 1/2-17 020BR</p>	 <p>TE Part # 60320-2 AMPLIVAR RG 18-14 #8 TPBR</p>	 <p>TE Part # 60752-2 AMVAR RING IS 2/17-2/158TPBR</p>	 <p>TE Part # 62755-1 RING AMVAR 14-12 2 15025 BR</p>
 <p>TE Part # 60320-1 AMPLIVAR RG 18-14 #8 BR</p>	 <p>TE Part # 350571-1 AMVAR R 13-11 180STD 025TPBR</p>	 <p>TE Part # 505071-1 STUD RETAINING TERM, AMPLIVAR</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>TE Part # 687725-2 HDM EMPR110F K</p>	

Also in the Series | **AMPLIVAR**



Crimp Wire Pins, Tabs & Ferrules(5)



Magnet Wire Terminals(5)



PCB Terminals(1)



Quick Disconnects(42)



Ring Terminals & Spade Terminals(28)



Splices(78)

Documents

Product Drawings

[AMVAR RING 22-18 025BR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_63446-1_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_63446-1_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_63446-1_G.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

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