

## AMPLIVAR

TE Internal #: 60322-2

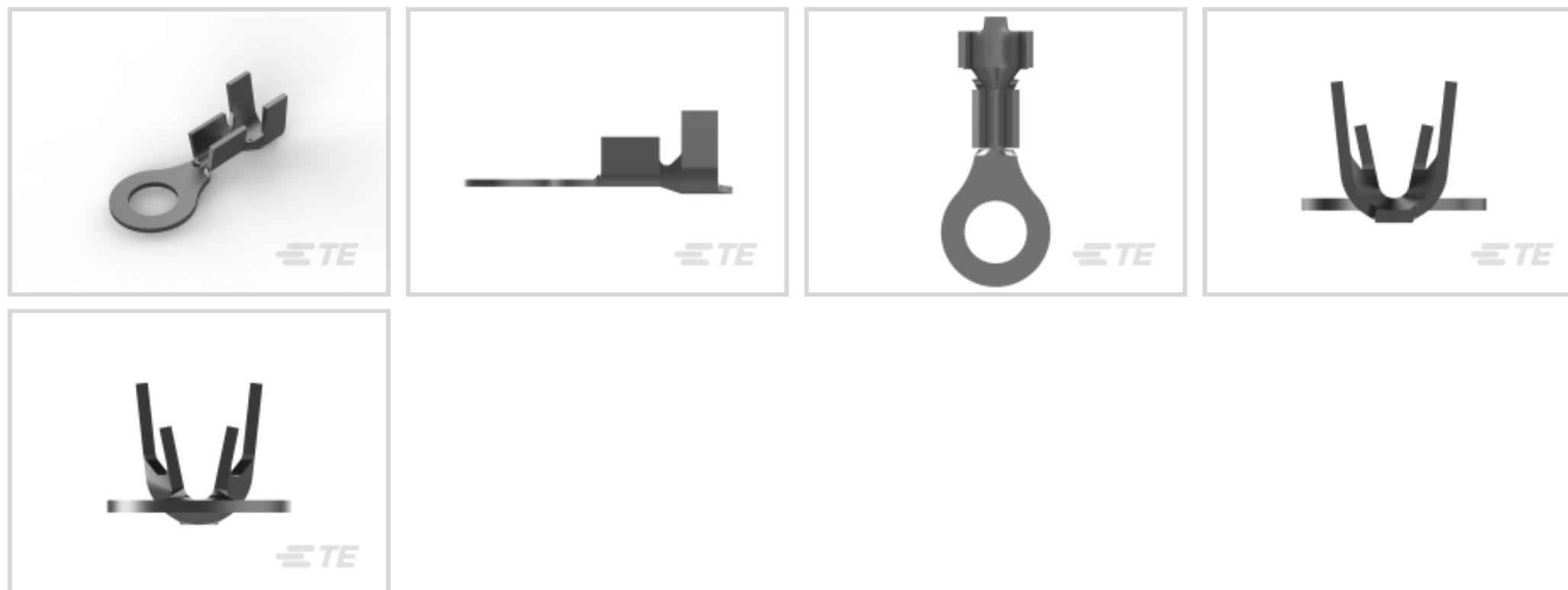
Ring Terminals &amp; Spade Terminals, Ring Tongue, 20 – 16 AWG

Wire Size, .518 – 1.31 mm<sup>2</sup> Wire Size, 1020 – 2581 CMA Wire Size,

AMPLIVAR

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Terminals &amp; Splices &gt; Ring Terminals &amp; Spade Terminals

Ring & Spade Terminal Type: **Ring Tongue**Wire Size: **1020 – 2581 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
Terminal Angle	180 °

**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	1020 – 2581 CMA
Stud Diameter	4.17 mm[.164 in]
Tongue Thickness	.5 mm[.02 in]
Overall Product Length	17.65 mm[.694 in]
Barrel Inside Diameter	1.27 mm, 3.42 mm[.05 in][.135 in]
Accepts Wire Insulation Diameter (Max)	4.19 mm[.165 in]
Accepts Wire Insulation Diameter Range	3.18 – 4.19 mm[.125 – .165 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	5000
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: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free












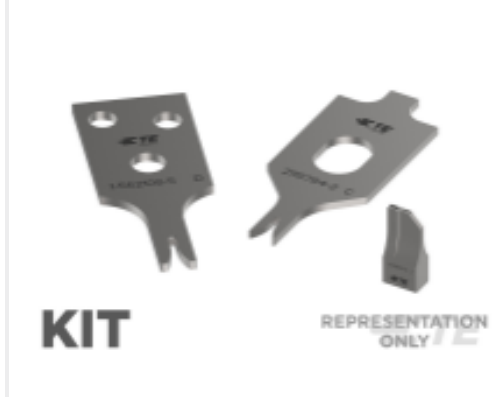
Solder Process Capability

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 # 63399-1 AMPLIVAR RING 22-29 10 TPBR</p>	 <p>TE Part # 1930001-1 Amplivar, (M3.5) Ring Tongue</p>	 <p>TE Part # 2-2150307-1 OC-PA-E-FM-110F180F-001-0256</p>
 <p>TE Part # 2-2150307-2 OC-PA-E-FA-110F180F-001-0256</p>	 <p>TE Part # 2150307-1 OC-AT-E-FM-110F180F-001-0256</p>	 <p>TE Part # 2150307-2 OC-AT-E-FA-110F180F-001-0256</p>	 <p>TE Part # 2232793-1 RING AMVAR 14-12 2 15025 BR</p>
 <p>TE Part # 505071-1 STUD RETAINING TERM, AMPLIVAR</p>	 <p>TE Part # 505072-1 STUD RETAINING TERM.</p>	 <p>TE Part # 60321-2 AMPLIVAR RG 23-19 8 TPBR</p>	 <p><b>KIT</b> REPRESENTATION ONLY</p> <p>TE Part # 7-2150307-7 OC-110F180F-CRIMPTOOLINGKIT</p>

Also in the Series | **AMPLIVAR**



Crimp Wire Pins, Tabs & Ferrules(5)



Magnet Wire Terminals(5)



PCB Terminals(1)



Quick Disconnects(42)

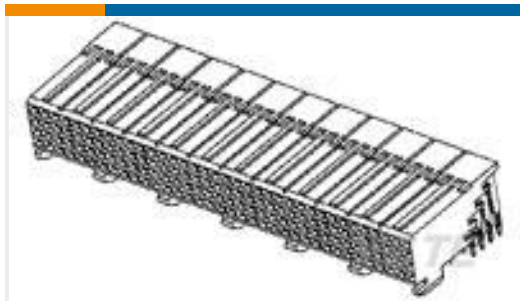


Ring Terminals & Spade Terminals(28)



Splices(78)

## Customers Also Bought



TE Part #5536511-1  
2MM FB,ASY,024,SIG,REC,EN,3.55



TE Part #1648325-1  
702-92-01109=CONTACT,SKT,#20



TE Part #62026-1  
187 FASTON REC 20-16 AWG TPBR



TE Part #42563-2  
250 FASTON FLAG REC 12-10 AWG TPBR



TE Part #1-175217-3  
DYNAMIC D-3 REC CONT. M AU 0.76 L/P



TE Part #1-456403-6  
CRIMPER WIRE .062 F



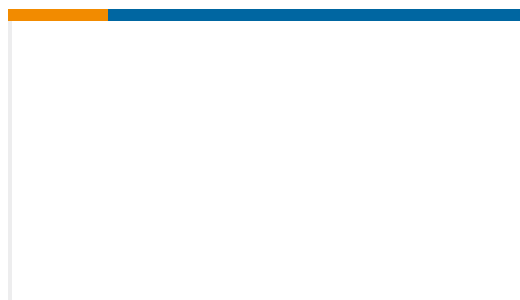
TE Part #6648318-1  
CONTACT,SKT,#12



TE Part #690459-1  
SHEAR HOLDER-FRONT



TE Part #1633004-6  
INSULATION CRIMPER "BOX"



TE Part #3-2172066-2  
M12.FMLE.PNLREAR.DCODE.4P. PCBSTD.RA.SHLD

## Documents



### Product Drawings

#### AMPLIVAR RG 20-16 8 TPBR

English

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### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_60322-2\\_M.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_60322-2\\_M.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_60322-2\\_M.3d\\_stp.zip](#)

English

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### Product Specifications

#### Application Specification

English

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### Product Environmental Compliance

[MD\\_60322-2\\_09172018136\\_dmtec](#)

English

[MD\\_60322-2\\_09172018136\\_dmtec](#)

English