

AMPLIVAR

TE Internal #: 60323-2

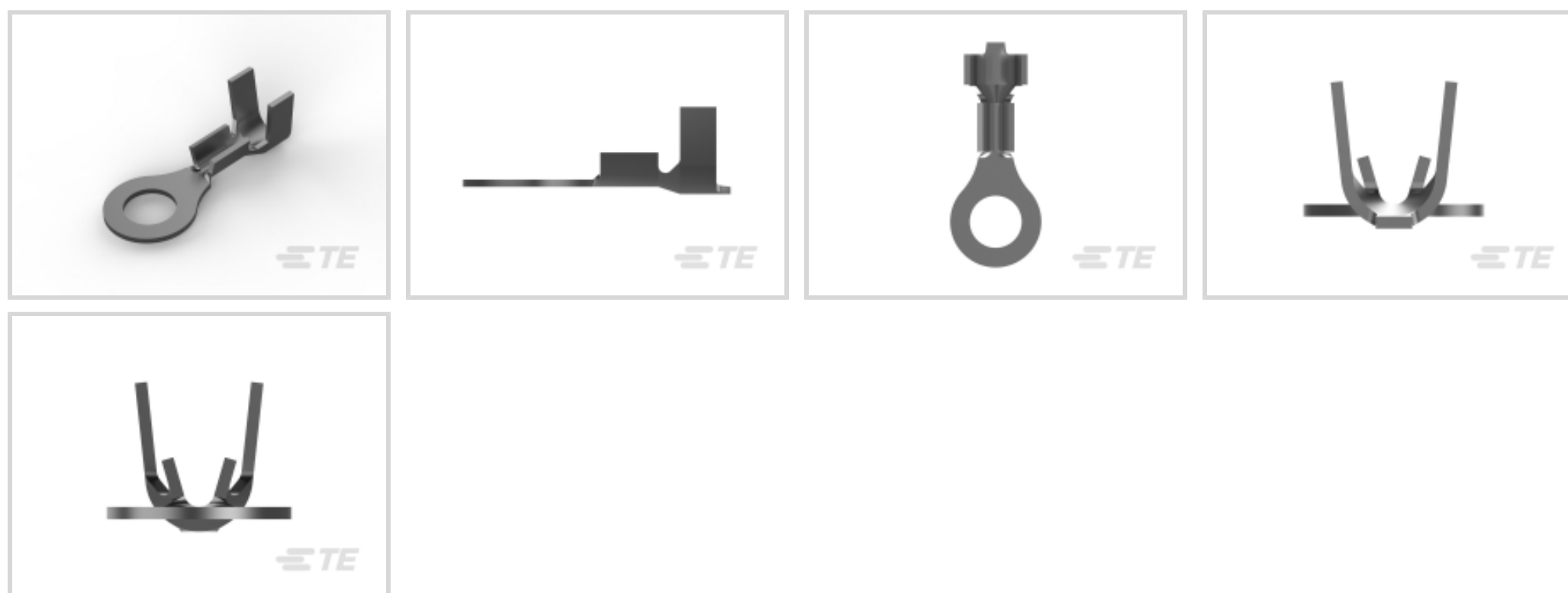
Ring Terminals & Spade Terminals, Ring Tongue, 23 – 19 AWG

Wire Size, .258 – .653 mm² Wire Size, 509 – 1289 CMA Wire Size,

Stud Size M4 / #8, AMPLIVAR

[View on TE.com >](#)

Terminals & Splices > Ring Terminals & Spade Terminals

Ring & Spade Terminal Type: **Ring Tongue**Wire Size: **509 – 1289 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	509 – 1289 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












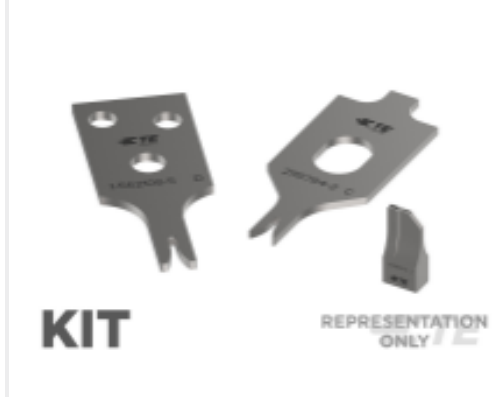
Solder Process Capability

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 # 62755-1 RING AMVAR 14-12 2 15025 BR</p>	 <p>TE Part # 1930001-1 Amplivar, (M3.5) Ring Tongue</p>
 <p>TE Part # 2-2150147-1 OC-PA-E-FM-090F180O-001-0256</p>	 <p>TE Part # 2-2150147-2 OC-PA-E-FA-090F180O-001-0256</p>	 <p>TE Part # 2150147-1 OC-AT-E-FM-090F180O-001-0256</p>	 <p>TE Part # 2150147-2 OC-AT-E-FA-090F180O-001-0256</p>
 <p>TE Part # 2232793-1 RING AMVAR 14-12 2 15025 BR</p>	 <p>TE Part # 60321-2 AMPLIVAR RG 23-19 8 TPBR</p>	 <p>TE Part # 63446-2 AMVAR RING 22-18 025TPBR</p>	 <p>KIT REPRESENTATION ONLY</p> <p>TE Part # 7-2150147-7 OC-090F180O-CRIMPTOOLINGKIT</p>

Also in the Series | **AMPLIVAR**



Crimp Wire Pins, Tabs & Ferrules(5)



Magnet Wire Terminals(5)



PCB Terminals(1)



Quick Disconnects(42)

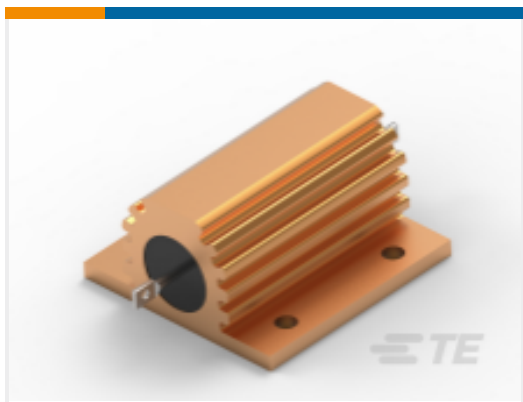


Ring Terminals & Spade Terminals(28)



Splices(78)

Customers Also Bought



TE Part #2-1630186-3
Power Resistors: Aluminum Housed, HSA



TE Part #1618002-7
EV200AAANA=RELAY, EV200 SPST-N



TE Part #1734577-4
MOD-JK,8P8C,SHD W/LED, G/Y,50U"



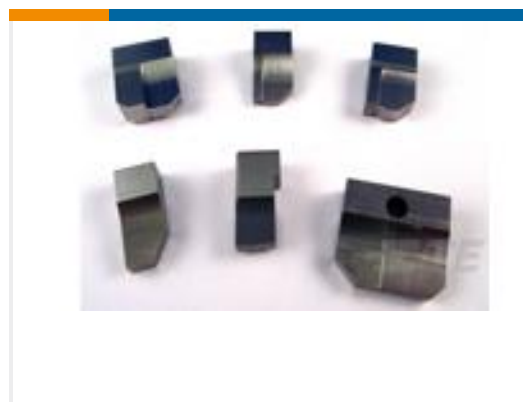
TE Part #33465
TERMINAL,SOLIS R 6 1/4



TE Part #175855-1
DYNAMIC KEYING PLUG FOR REC



TE Part #60752-2
AMVAR RING IS 2/17-2/158TPBR



TE Part #1333203-9
ANVIL, COMBINATION (.070)



TE Part #462006-6
FLOATING SHEAR



TE Part #2203194-1
EVC135, RELAY, SPST NO

Documents



Product Drawings

AMPLIVAR RG 23-19 8 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_60323-2_P.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_60323-2_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_60323-2_P.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

[MD_60323-2_091720181249_dmtec](#)

English

[MD_60323-2_091720181249_dmtec](#)

English