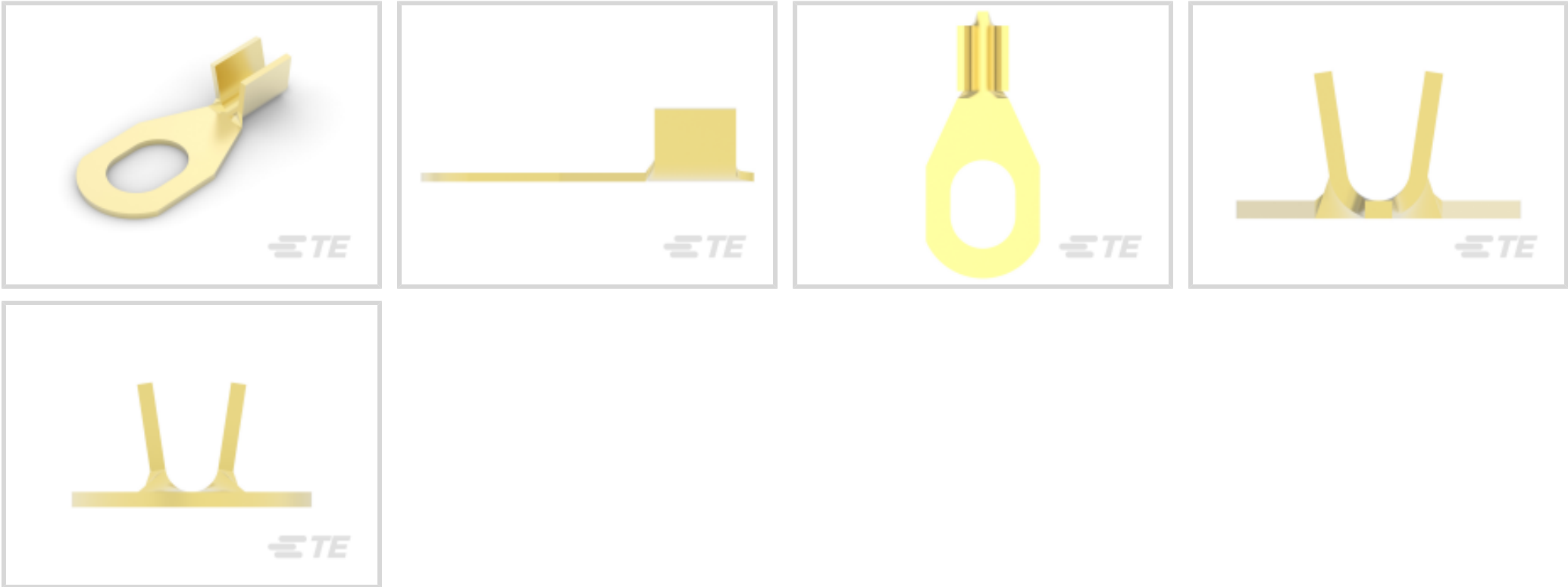




Terminals & Splices > Ring Terminals & Spade Terminals



Terminal & Splice Type: **Ring Tongue**
Wire Size: **2052 – 4935 CMA**
Ring & Spade Stud Size: **#8, M4**

Features

Product Type Features

Shape Description	RING-109
Ring & Spade Stud Size	#8, M4
Ring & Spade Barrel Type	Open Barrel
Sealable	No
Insulated	No
Ring & Spade Wire/Cable Type	Regular Wire

Configuration Features

Number of Holes	1
Terminal Angle	Straight

Body Features

Ring & Spade Plating Material	Unplated
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Contact Features

Terminal & Splice Type	Ring Tongue
Ring & Spade Terminal Orientation	Straight
Underplating Material	Brass



Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	2052 – 4935 CMA
Stud Diameter	4.17 mm[.164 in]
Tongue Thickness	.5 mm[.02 in]
Ring & Spade Overall Length	17.58 mm[.692 in]
Barrel Inside Diameter	1.78 mm[.07 in]
Ring & Spade Wire Insulation Diameter (Max)	1.78 mm[.07 in]
Ring & Spade Wire Insulation Diameter	1.19 – 1.78 mm[.047 – .07 in]

Usage Conditions

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

Operation/Application

Heavy Duty	No
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Industry Standards

Government Qualified	No
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Packaging Features

Packaging Quantity	9000
Ring & Spade 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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

 TE Part # 60320-2 AMPLIVAR RG 18-14 #8 TPBR	 TE Part # 505079-1 STUD RETAINING TERM.	 TE Part # 62755-1 RING AMVAR 14-12 2 15025 BR	 TE Part # 60320-1 AMPLIVAR RG 18-14 #8 BR
 TE Part # 63446-1 AMVAR RING 22-18 025BR	 TE Part # 505044-1 STUD RTNG AMVAR TERM .020 BR	 TE Part # 505071-1 STUD RETAINING TERM, AMPLIVAR	 TE Part # 505072-1 STUD RETAINING TERM.
 TE Part # 60318-1 AMPLIVAR RG 18-14 10 BR	 TE Part # 63446-2 AMVAR RING 22-18 025TPBR	 TE Part # CH17056001 CGPT-3/1-X-30MM	

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(81)

Customers Also Bought

TE Part #41766
SPLC AMVAR 3000-7000 020BR

TE Part #4-2176403-2
3550 51R 1%

TE Part #9-2176379-0
RQ 0805 909R 0.1% 10PPM 5K RL

TE Part #4-640443-3
Nylon Tin Plated Receptacle: 2.54mm,
No Mating Alignment, MTA 100

TE Part #62295-2
AMVAR SPLC 7000-12000 025BR

TE Part #2-456135-8
CRIMPER INSULATION O

TE Part #41904
SPLC AMVAR 7000-13000 TPBR

TE Part #453656-1
SHEAR BLADE REAR

TE Part #453670-5
ANVIL SPECIAL

TE Part #60318-1
AMPLIVAR RG 18-14 10 BR

Documents



Product Drawings

AMVAR RING 13 1/2-17 020BR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_63147-1_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_63147-1_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_63147-1_H.3d_stp.zip

English

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Product Specifications

Application Specification

English