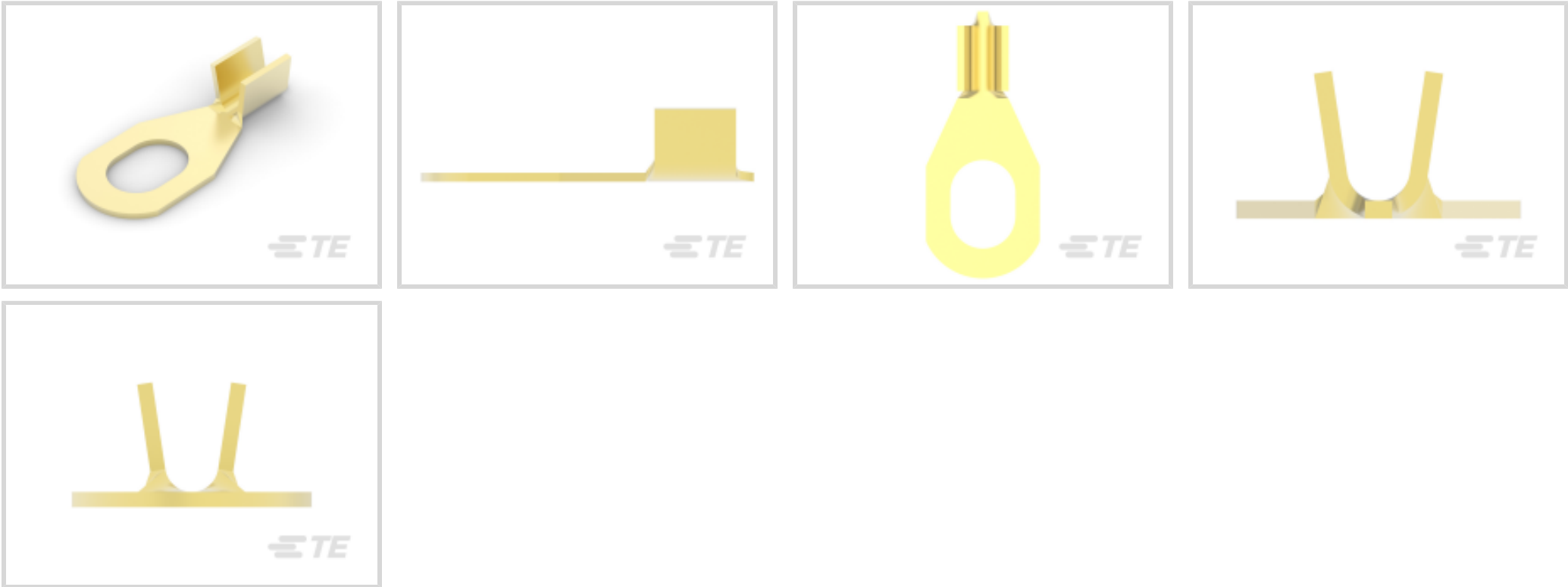




Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 2052 – 4935 CMA

Stud Size: #8, M4

Features

Product Type Features

Shape Description	RING-109
Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#8, M4
Sealable	No
Compatible With Discrete Wire Type	Magnet Wire

Configuration Features

Number of Holes	1
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Contact Features

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	2052 – 4935 CMA
Stud Diameter	4.17 mm[.164 in]
Tongue Thickness	.5 mm[.02 in]
Product Length	17.58 mm[.692 in]
Barrel Inside Diameter	1.78 mm[.07 in]
Compatible Insulation Diameter (Max)	1.78 mm[.07 in]
Compatible Insulation Diameter Range	1.19 – 1.78 mm[.047 – .07 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	9000
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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

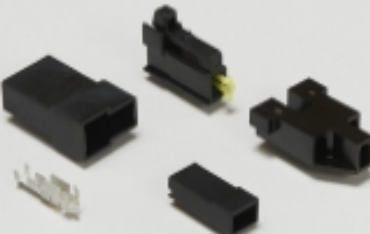


EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical 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 # 505079-1 STUD RETAINING TERM.	 TE Part # 60320-1 AMPLIVAR RG 18-14 #8 BR	 TE Part # 62755-1 RING AMVAR 14-12 2 15025 BR	 TE Part # 505072-1 STUD RETAINING TERM.
 TE Part # 63446-1 AMVAR RING 22-18 025BR	 TE Part # 60320-2 AMPLIVAR RG 18-14 #8 TPBR	 TE Part # 63446-2 AMVAR RING 22-18 025TPBR	 TE Part # 505044-1 STUD RTNG AMVAR TERM .020 BR
 TE Part # 60318-1 AMPLIVAR RG 18-14 10 BR	 TE Part # 505071-1 STUD RETAINING TERM, AMPLIVAR		

Also in the Series | AMPLIVAR

 Crimp Wire Pins, Tabs & Ferrules(4)	 Magnet Wire Terminals(4)	 PCB Terminals(1)	 Quick Disconnects(40)
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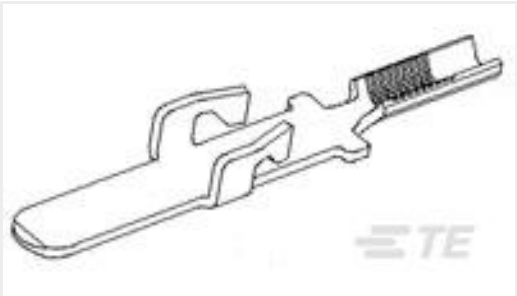


Ring Terminals(28)



Splices(71)

Customers Also Bought



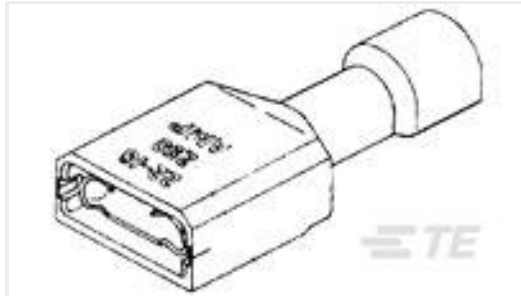
TE Part #1217029-1
CONTACT AMVAR 125 BLDE 020TPBR



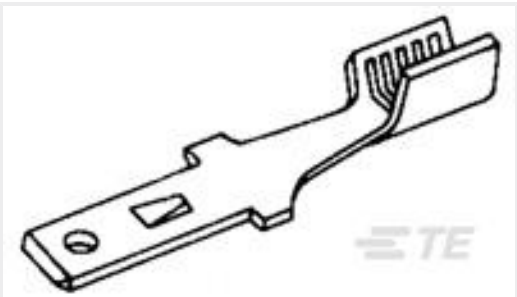
TE Part #NB31734001
CRN-3/32-0-SP



TE Part #1742882-1
250 FAST FLG RCPT AMVAR TPBR



TE Part #2-520184-2
ULTRAFAST 250 ASSY REC 22-18 TPBR LP



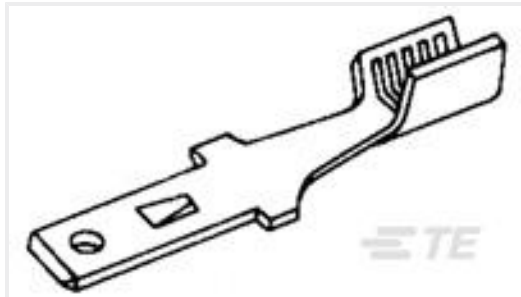
TE Part #62447-1
187 AMVAR FFTABFLT 020TPBR



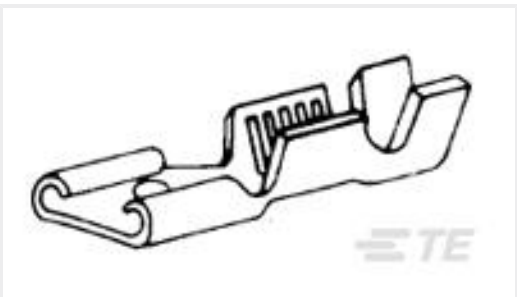
TE Part #63940-1
RCPT.187 FL/FAST AMVR 0157TPB



TE Part #60325-2
AMPLIVAR RG 23-19 10 TPBR



TE Part #62445-1
187 AMVAR FFTAB FLT 020TPBR



TE Part #60385-2
.250 FAST REC IS 18-2/17 TPBR



TE Part #34318
SPLICE, SOLIS, PARA, 8

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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English