63864-1 ✔ ACTIVE

AMPLIVAR

TE Internal #: 63864-1

Closed Ring Tongue Terminal, 12 – 10 AWG, #8 / M4 Stud, 4.34 mm [.171 in] Stud Diameter, Open Barrel, Straight, Tin Plating, Uninsulated, AMPLIVAR

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Terminals & Splices > Ring Terminals







Ring Terminal Product Type: **Closed Ring Tongue Terminal**

Wire Size: **6529 – 10384 CMA**

Stud Size: **#8, M4**

Features

Product Type Features

Shape Description	RING-112
Ring Terminal Product Type	Closed Ring Tongue Terminal
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

Contact Features

Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Tin
Contact Underplating Material	Brass

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Wire Size	6529 – 10384 CMA
Stud Diameter	4.34 mm[.171 in]
Tongue Thickness	.64 mm[.025 in]
Product Length	21 mm[.827 in]
Barrel Inside Diameter	3.18 mm, 4.31 mm[.125 in][.17 in]
Compatible Insulation Diameter (Max)	4.83 mm[.19 in]
Compatible Insulation Diameter Range	3.81 – 4.83 mm[.15 – .19 in]

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Aluminum, Copper

Industry Standards

Government Qualified Terminal	No

Packaging Features

Packaging Quantity	6000
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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

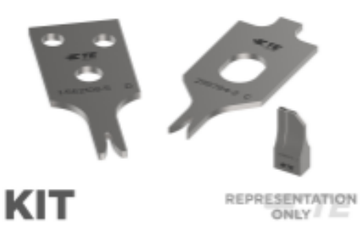
Compatible Parts



TE Part # 505036-1
AMVAR R 2 14.5MAG PTPBR



TE Part # 62835-1
RING AMVAR 22-18 025 TPBR



TE Part # 7-2150868-7
OCEAN_2.0_SPARE_PART_KIT-180F220F



TE Part # 60321-2
AMPLIVAR RG 23-19 8 TPBR



TE Part # 63649-1
RING AMVAR 22-18 025TPBR

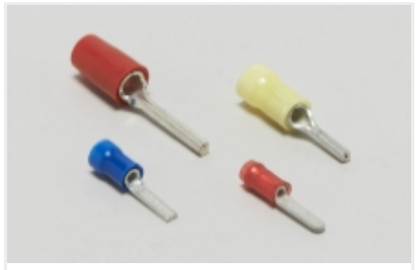


TE Part # 2150868-2
OCEAN_2.0_APPLICATOR-E-180F220F-SEA

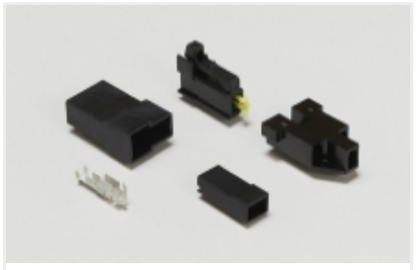


TE Part # 63612-1
RING AMVAR 22-18 025TPBR

Also in the Series | AMPLIVAR



Crimp Wire Pins, Tabs & Ferrules(4)



Magnet Wire Terminals(4)



PCB Terminals(1)



Quick Disconnects(40)



Ring Terminals(28)



Splices(71)

Customers Also Bought



TE Part #435829-000
FLHTC0311-16-0



TE Part #487075-000
FLHTC0311-14-0



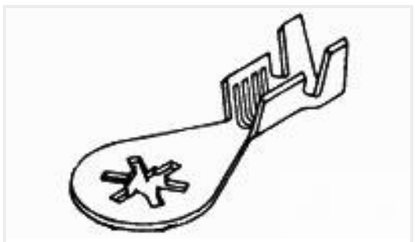
TE Part #290051-000
FLHTC0311-14-6



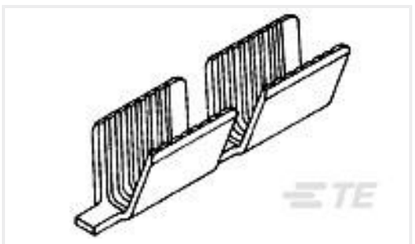
TE Part #60319-2
AMPLIVAR RG 23-19 10 TPBR



TE Part #60605-1
110 FASTON FLAG REC 22-18 AWG TPBR



TE Part #61793-1
RING 18-14 AWG TPST



TE Part #62001-1
SPLICE AMVAR 3000-7000 020BR



TE Part #63445-4
250 FASTON FLAG REC 18-12 AWG TPBR



TE Part #2321926-6
RECEPTACLE HOUSING PANEL MOUNT 6PIN



TE Part #2323743-8
HOUSING, PLUG, GWT, 8P, DUAL ROW, EP2.5

Documents

Product Drawings

RING AMVAR IS 2(13) 025TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_63864-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_63864-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_63864-1_B.3d_stp.zip

English

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Product Specifications

Application Specification

English