



Terminals & Splices > Ring Terminals & Spade Terminals



Terminal & Splice Type: **Ring Tongue**
Wire Size: **1020 – 2581 CMA**
Ring & Spade Stud Size: **#8, M4**

Features

Product Type Features

Shape Description	RING-028
Ring & Spade Stud Size	#8, M4
Ring & Spade Barrel Type	Open Barrel
Sealable	No
Insulated	No
Ring & Spade Wire/Cable Type	Magnet Wire
Support Style	Insulation Support

Configuration Features

Number of Holes	1
Terminal Angle	Straight

Body Features

Ring & Spade Plating Material	Tin
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Contact Features

Terminal & Splice Type	Ring Tongue
Ring & Spade Terminal Orientation	Straight



Underplating Material	Brass
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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]
Ring & Spade Overall Length	17.65 mm[.694 in]
Barrel Inside Diameter	1.27 mm, 3.42 mm[.05 in][.135 in]
Ring & Spade Wire Insulation Diameter (Max)	4.19 mm[.165 in]
Ring & Spade Wire Insulation Diameter	3.18 – 4.19 mm[.125 – .165 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	5000
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 # 63612-1 RING AMVAR 22-18 025TPBR	 TE Part # 63399-1 AMPLIVAR RING 22-29 10 TPBR	 TE Part # 1930001-1 Amplivar, (M3.5) Ring Tongue	 TE Part # 2-2150307-1 OC-PA-E-FM-110F180F-001-0256
 TE Part # 2-2150307-2 OC-PA-E-FA-110F180F-001-0256	 TE Part # 2150307-1 OC-AT-E-FM-110F180F-001-0256	 TE Part # 2150307-2 OC-AT-E-FA-110F180F-001-0256	 TE Part # 2232793-1 RING AMVAR 14-12 2 15025 BR
 TE Part # 505071-1 STUD RETAINING TERM, AMPLIVAR	 TE Part # 505072-1 STUD RETAINING TERM.	 TE Part # 60321-2 AMPLIVAR RG 23-19 8 TPBR	 KIT REPRESENTATION ONLY TE Part # 7-2150307-7 OC-110F180F-CRIMPTOOLINGKIT

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



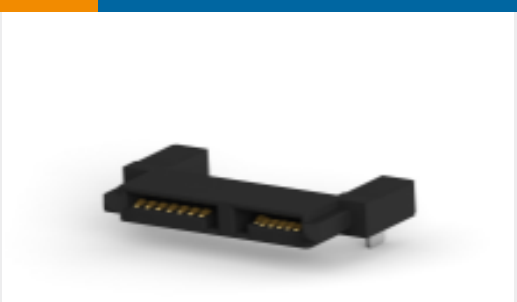
TE Part #1489127-4
HDR HSG 6 CONTS BLKHD CONN



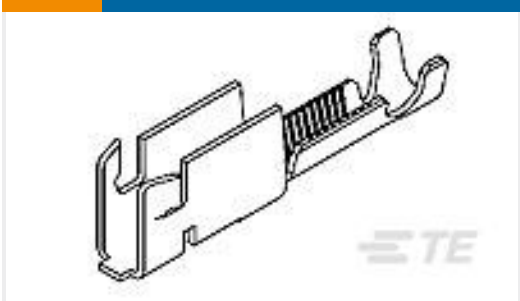
TE Part #1-456403-6
CRIMPER WIRE .062 F



TE Part #1-456404-6
CRIMPER WIRE .070 F



TE Part #1-1735413-1
Assembly Slimline SATA Receptacle
7P+6P



TE Part #1217671-1
CLSTR BLK RCPT AMVAR 1500-4200



TE Part #1-480271-0
06P CMNL CAP HSG M/M NATL



TE Part #1612963-4
2MM PITCH BATTERY REC. ASSY 10P,
L=5



TE Part #1-1633922-0
ANVIL, COMBINATION



TE Part #1-456406-8
CRIMPER WIRE .090 F



TE Part #87159-4
03 MODI CRMP S-I HSG SR .156CL

Documents



Product Drawings

AMPLIVAR RG 20-16 8 TPBR

English

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

Product Environmental Compliance

MD_60322-2_09172018136_dmtec

English

MD_60322-2_09172018136_dmtec

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