



Terminals & Splices > Ring Terminals & Spade Terminals



Terminal & Splice Type: **Ring Tongue**

Wire Size: **1624 – 4109 CMA**

Ring & Spade Stud Size: **#8, M4**

Features

Product Type Features

Terminal Features	Sheared
Shape Description	RING-032
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

Inspection Slot	No
Weight per Piece	.825 g
Ring & Spade Plating Material	Unplated



Contact Features

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

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	1624 – 4109 CMA
Stud Diameter	4.7 mm[.185 in]
Tongue Thickness	.71 mm[.028 in]
Ring & Spade Overall Length	22.4 mm[.882 in]
Barrel Inside Diameter	1.65 mm, 2.74 mm[.065 in][.108 in]
Ring & Spade Wire Insulation Diameter (Max)	3.05 mm[.12 in]
Ring & Spade Wire Insulation Diameter	2.03 – 3.05 mm[.08 – .12 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	6000
Ring & Spade Packaging Method	Strip

Other

Comment	High conductivity copper-tin-zinc alloy.
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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

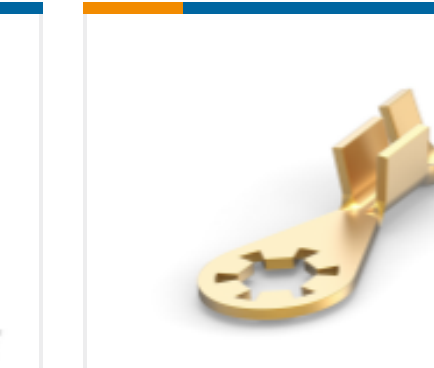
Solder Process Capability

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 # 640212-1 AMVAR R 13-11 #10 025TPBR	 TE Part # 505079-1 STUD RETAINING TERM.	 TE Part # 1930001-1 Amplivar, (M3.5) Ring Tongue
 TE Part # 60320-1 AMPLIVAR RG 18-14 #8 BR	 TE Part # 9556822004 DWTC-4/1-X-STK	 TE Part # 350571-1 AMVAR R 13-11 180STD 025TPBR	 TE Part # 485079-1 RING AMVAR 18-14 IS 8 028 LUBZ



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

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

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 #90546-2
PROCRIMPER DIE ASSY UNIV MNL

TE Part #350547-1
UMNL PIN 20-14 PTPBR L/P

TE Part #41899
SPL AMVAR 1500-5000 020TPBR

TE Part #1393766-5
R10-E1X2-V185=R10



TE Part #1625890-5
2W SM M/OX 5% 10K

TE Part #350550-1
UMNL SOK 20-14 PTPBR L/P

TE Part #350777-1
02P UMNL PLUG HSG

TE Part #1-480698-0
02P UMNL PLUG HSG NATL

TE Part #41900
SPLC AMVAR 3000-7000 020TPBR

TE Part #456405-6
CRIMPER WIRE .080 F

Documents

Product Drawings

RING AMVAR 18-14 IS 8 028LUBZ

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_485044-1_H_c-485044-1-h.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_485044-1_H_c-485044-1-h.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_485044-1_H_c-485044-1-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