

AMPLIVAR

TE Internal #: 60320-2

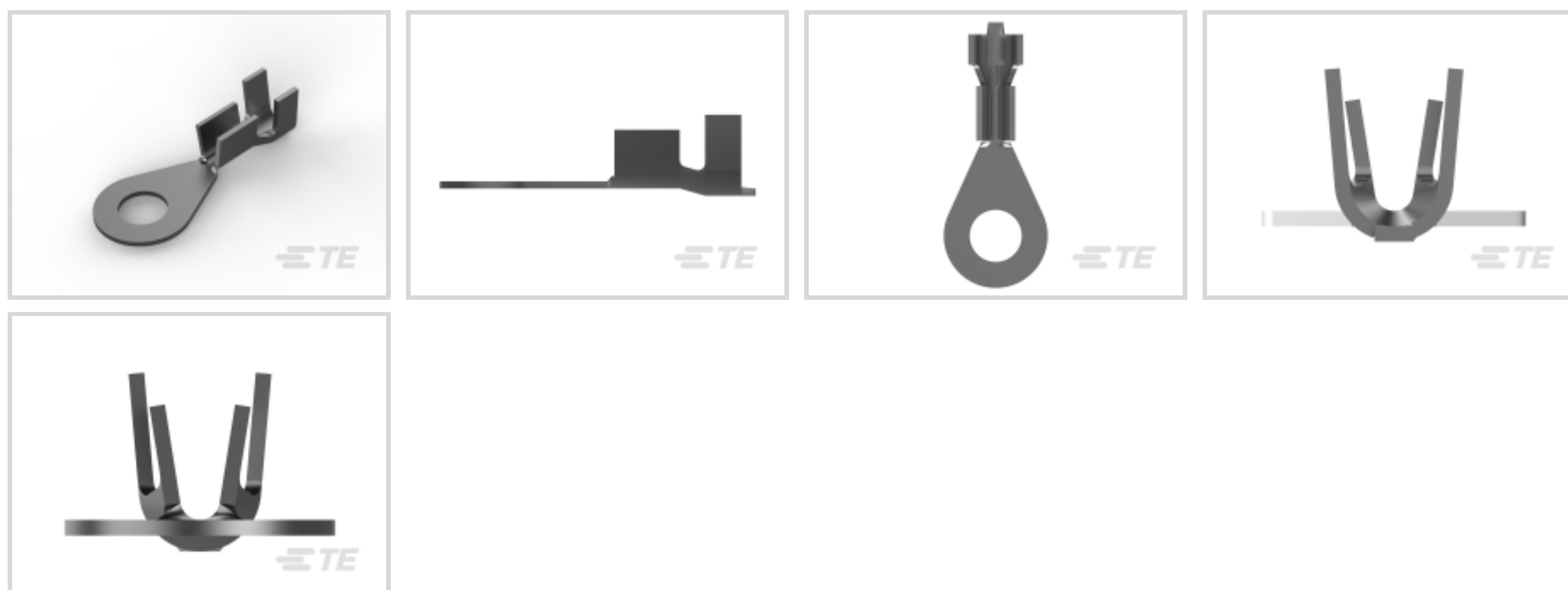
Ring Terminals & Spade Terminals, Ring Tongue, 18 – 14 AWG

Wire Size, .823 – 2.08 mm² Wire Size, 1624 – 4109 CMA Wire Size,

AMPLIVAR

[View on TE.com >](#)

Terminals & Splices > Ring Terminals & Spade Terminals

Ring & Spade Terminal Type: **Ring Tongue**Wire Size: **1624 – 4109 CMA**Stud Size: **#8, M4****Features****Product Type Features**

Shape Description	RING-028
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
Terminal Angle	180 °

Contact Features

Ring & Spade Terminal Type	Ring Tongue
Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Tin
Contact Underplating Material	Brass

Mechanical Attachment



Wire Insulation Support	With
-------------------------	------

Dimensions

Wire Size	1624 – 4109 CMA
Stud Diameter	4.17 mm[.164 in]
Tongue Thickness	.5 mm[.02 in]
Overall Product Length	21.15 mm[.831 in]
Barrel Inside Diameter	1.27 mm, 2.92 mm[.05 in][.115 in]
Accepts Wire Insulation Diameter (Max)	3.56 mm[.14 in]
Accepts Wire Insulation Diameter Range	2.54 – 3.56 mm[.1 – .14 in]

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Aluminum, Copper
Heavy Duty	No

Industry Standards

Government Qualified	No
----------------------	----

Packaging Features

Packaging Quantity	10000
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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free






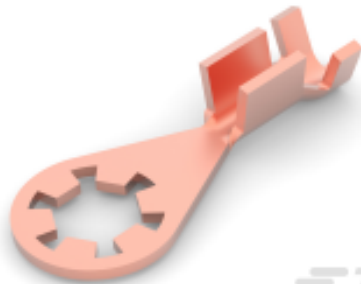






Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

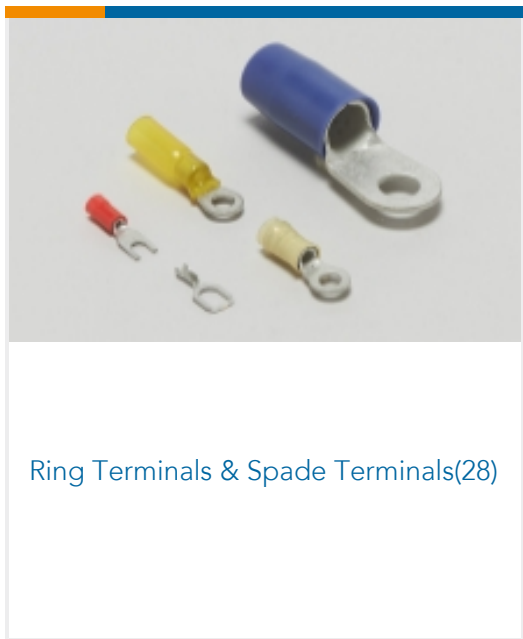
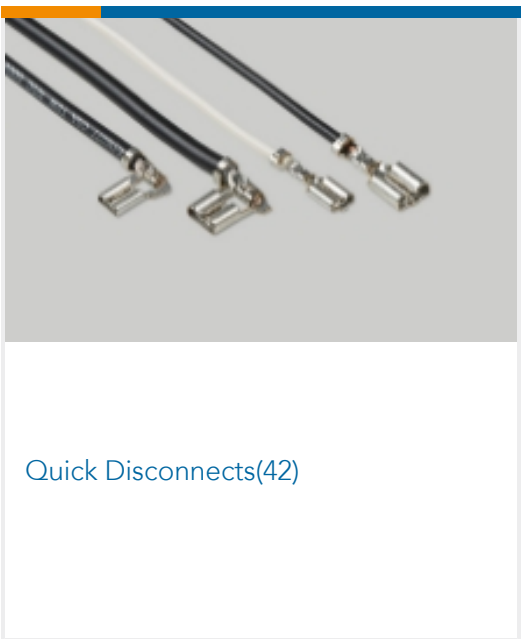
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 <p>TE Part # 63612-1 RING AMVAR 22-18 025TPBR</p>	 <p>TE Part # 63147-1 AMVAR RING 13 1/2-17 020BR</p>	 <p>TE Part # 63399-1 AMPLIVAR RING 22-29 10 TPBR</p>	 <p>TE Part # 62755-1 RING AMVAR 14-12 2 15025 BR</p>
 <p>TE Part # 1930001-1 Amplivar, (M3.5) Ring Tongue</p>	 <p>TE Part # 485044-1 RING AMVAR 18-14 IS 8 028LUBZ</p>	 <p>TE Part # 63446-1 AMVAR RING 22-18 025BR</p>	 <p>TE Part # 2-2150404-2 OCEAN_2.0_Applicator-E-110F155F</p>
 <p>TE Part # 2150404-2 OCEAN_2.0_Applicator-E-110F155F</p>	 <p>TE Part # 2232793-1 RING AMVAR 14-12 2 15025 BR</p>	 <p>TE Part # 485079-1 RING AMVAR 18-14 IS 8 028 LUBZ</p>	 <p>TE Part # 505044-1 STUD RTNG AMVAR TERM .020 BR</p>



Also in the Series | **AMPLIVAR**



Customers Also Bought





TE Part #42142-1
SHUR PLUG TERMINAL 18-14 AWG
TPBR



TE Part #2109366-2
110 UNSLD 2P PLUG ASSY



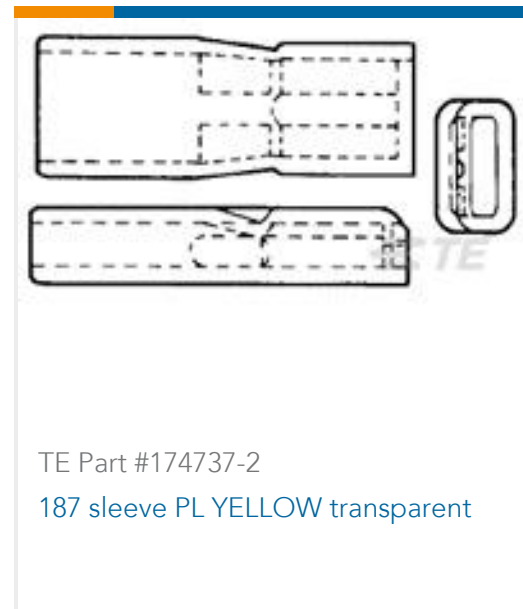
TE Part #1333203-9
ANVIL, COMBINATION (.070)



TE Part #462006-6
FLOATING SHEAR



TE Part #170889-1
SLEEVE DIA5 SHUR PLUG NAT



TE Part #174737-2
187 sleeve PL YELLOW transparent

Documents

Product Drawings

[AMPLIVAR RG 18-14 #8 TPBR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_60320-2_Y.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_60320-2_Y.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_60320-2_Y.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

Product Environmental Compliance

[MD_60320-2_091720181259_dmtec](#)

English

[MD_60320-2_091720181259_dmtec](#)

English

