



AMPLIVAR

TE Internal #: 505079-1
Closed Ring Tongue Terminal, 16 – 13 AWG, #10 Stud Size, 4.82 mm [.19 in] Stud Diameter, Open Barrel, Straight, Unplated, Uninsulated, AMPLIVAR

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Terminals & Splices > Ring Terminals



Ring Terminal Product Type: **Closed Ring Tongue Terminal**
Wire Size: **2600 – 4900 CMA**
Stud Size: **#10**

Features

Product Type Features

Terminal Features	Sheared
Shape Description	RING-037
Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#10
Sealable	No
Compatible With Discrete Wire Type	Magnet Wire
Wire Insulation Support Retention Type	Non-Insulation Support

Configuration Features

Number of Holes	1
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Body Features

Product Weight	.643 g
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Contact Features

Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Unplated



Contact Underplating Material	Brass
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Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	2600 – 4900 CMA
Stud Diameter	4.82 mm[.19 in]
Tongue Thickness	.5 mm[.02 in]
Product Length	30.98 mm[1.22 in]
Barrel Inside Diameter	2.29 mm[.09 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	8000
Packaging Method	Strip

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

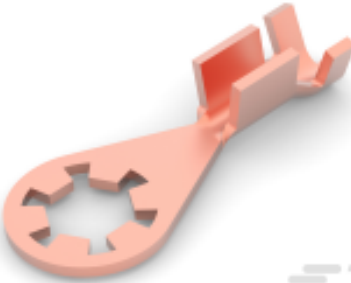
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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 # 63147-1 AMVAR RING 13 1/2-17 020BR	 TE Part # 640212-1 AMVAR R 13-11 #10 025TPBR	 TE Part # 9556824001 DWTC-4/1-X-SP	 TE Part # 485044-1 RING AMVAR 18-14 IS 8 028LUBZ
 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	 TE Part # 60325-2 AMPLIVAR RG 23-19 10 TPBR

Also in the Series | **AMPLIVAR**



Crimp Wire Pins, Tabs & Ferrules(5)



Magnet Wire Terminals(4)



PCB Terminals(1)



Quick Disconnects(40)



Ring Terminals(28)

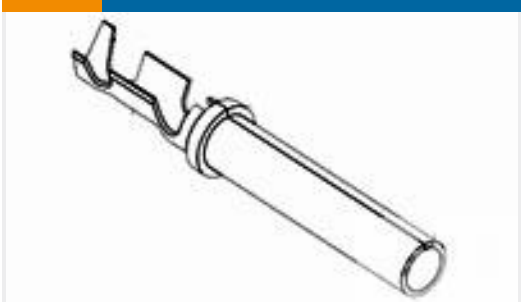


Splices(76)

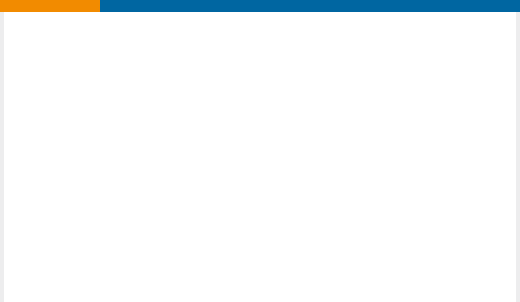
Customers Also Bought



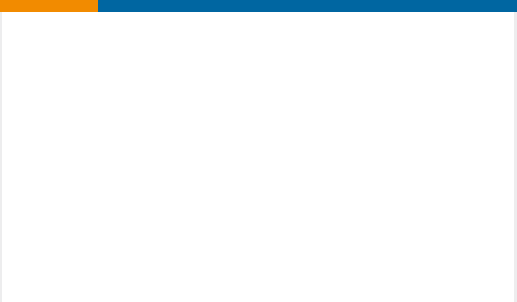
TE Part #62935-1
MAG-MATE TERM 27-23 016 TPBR



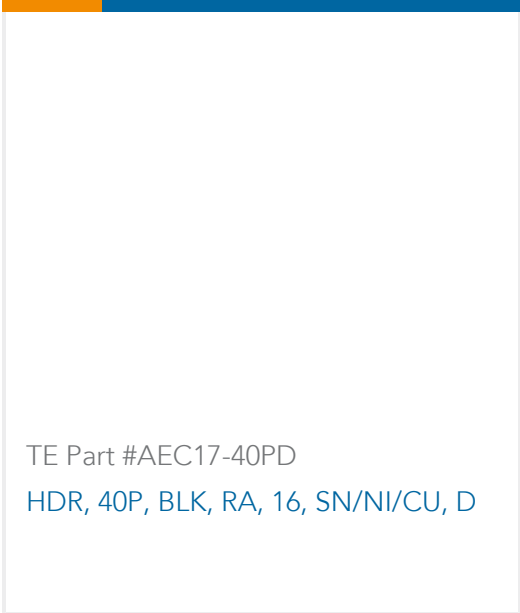
TE Part #1924464-1
SOC, SF, SIZE 16, 18-20 AWG, AU/SN



TE Part #AEC17-40PA
HDR, 40P, BLK, RA, 16, SN/NI/CU, A



TE Part #AEC17-40PC
HDR, 40P, BLK, RA, 16, SN/NI/CU, C



TE Part #AEC17-40PD
HDR, 40P, BLK, RA, 16, SN/NI/CU, D

Documents

Product Drawings
STUD RETAINING TERM.

English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_505079-1_D.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_505079-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_505079-1_D.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