

505079-1 ✓ ACTIVE

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

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
Shape Description	RING-037
Terminal Features	Sheared

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]

Contact Features

Barrel Type	Open
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Terminal Orientation	Straight
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Terminal Plating Material	Unplated
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Contact Underplating Material	Brass
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Usage Conditions

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

Compatible With Wire Base Material	Aluminum, Copper
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Packaging Features

Packaging Method	Strip
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Packaging Quantity	8000
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Other

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Configuration Features

Number of Holes	1
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Body Features

Product Weight	.643 g
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Mechanical Attachment

Wire Insulation Support	Without
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Industry Standards

Government Qualified Terminal	No
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free




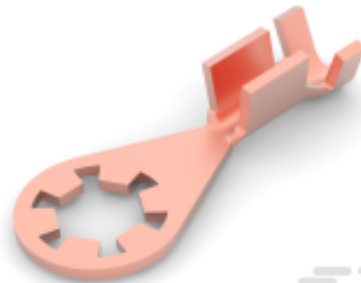








Solder Process Capability

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>

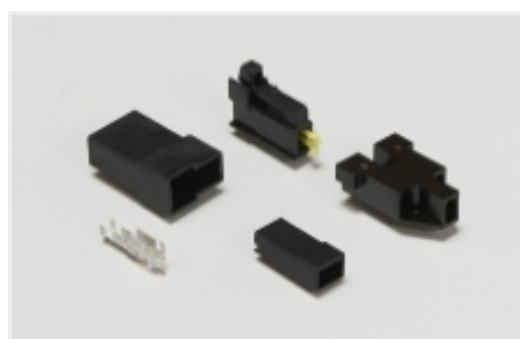
Compatible Parts

 <p>TE Part # 63147-1 AMVAR RING 13 1/2-17 020BR</p>	 <p>TE Part # 640212-1 AMVAR R 13-11 #10 025TPBR</p>	 <p>TE Part # 9556824001 DWTC-4/1-X-SP</p>	 <p>TE Part # 485044-1 RING AMVAR 18-14 IS 8 028LUBZ</p>
 <p>TE Part # 350571-1 AMVAR R 13-11 180STD 025TPBR</p>	 <p>TE Part # 485079-1 RING AMVAR 18-14 IS 8 028 LUBZ</p>	 <p>TE Part # 505036-1 AMVAR R 2 14.5MAG PTPBR</p>	 <p>TE Part # 505044-1 STUD RTNG AMVAR TERM .020 BR</p>
 <p>TE Part # 505071-1 STUD RETAINING TERM, AMPLIVAR</p>	 <p>TE Part # 505072-1 STUD RETAINING TERM.</p>	 <p>TE Part # 60318-1 AMPLIVAR RG 18-14 10 BR</p>	 <p>TE Part # 60325-2 AMPLIVAR RG 23-19 10 TPBR</p>

Also in the Series | **AMPLIVAR**



Crimp Wire Pins, Tabs & Ferrules(5)



Magnet Wire Terminals(4)



PCB Terminals(1)



Quick Disconnects(40)

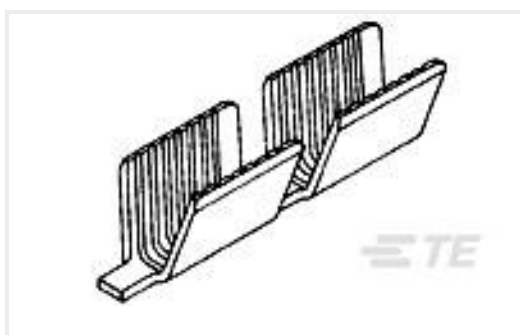


Ring Terminals(28)

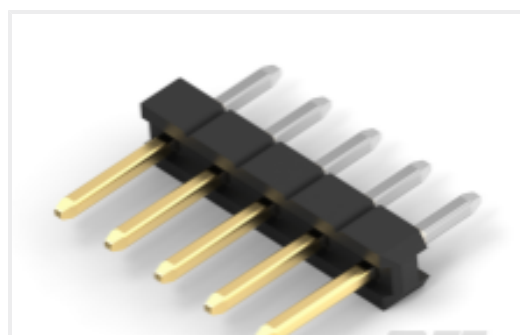


Splices(76)

Customers Also Bought



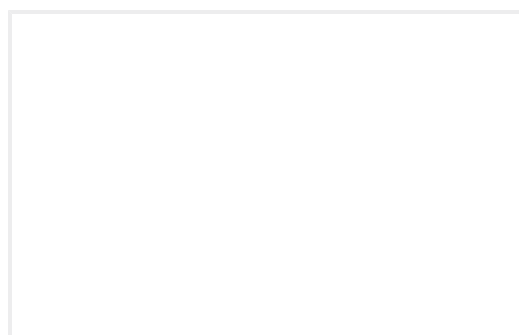
TE Part #62001-1
SPLICE AMVAR 3000-7000 020BR



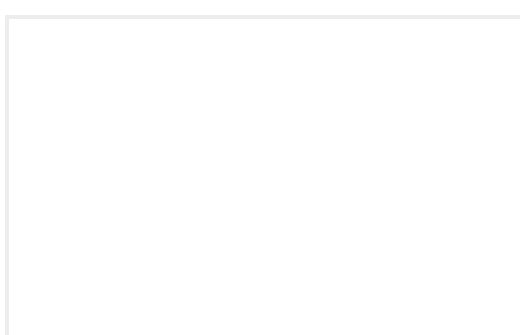
TE Part #2355172-6
6P,2MM,BRK HDR,SRVT,2.8,0.1AU,BOX



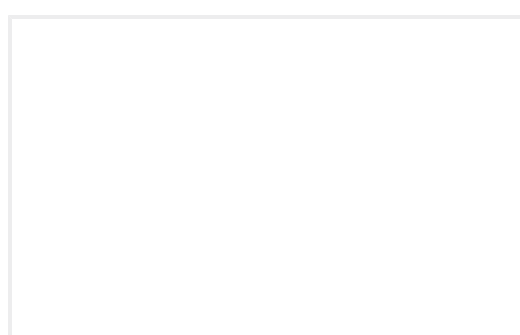
TE Part #42639-1
RING TERMINAL 14-12 AWG BR



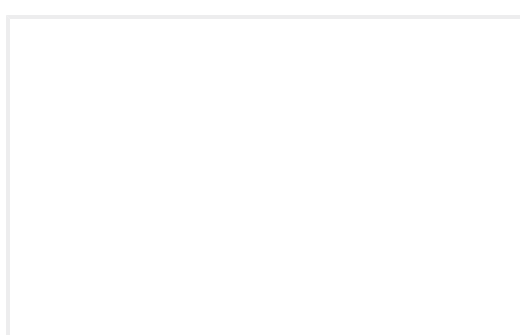
TE Part #0515-009-4005
PROTECT CVR, 40P, REC, YEL, AEC



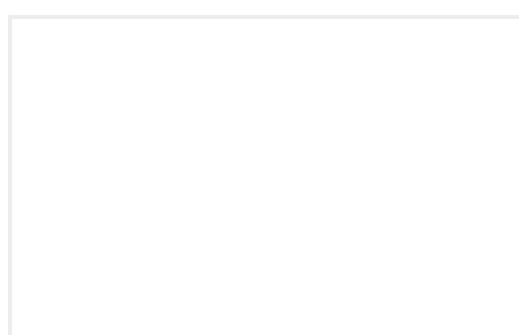
TE Part #0534-001-0001
BOLT ASM



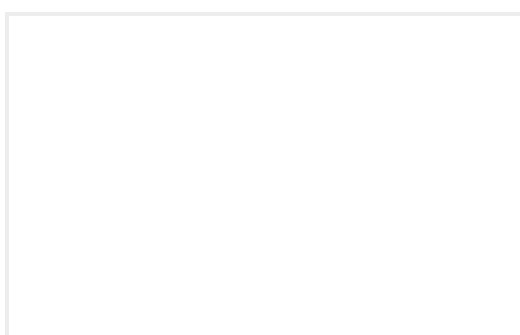
TE Part #AEC17-40PA
HDR, 40P, BLK, RA, 16, SN/NI/CU, A



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



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

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Product Specifications

Application Specification

English