

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

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
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Stud Diameter	4.82 mm [.19 in]
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Tongue Thickness	.5 mm [.02 in]
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Product Length	30.98 mm [1.22 in]
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Barrel Inside Diameter	2.29 mm [.09 in]
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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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Industry Standards

Government Qualified Terminal	No
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Packaging Features

Packaging Quantity	8000
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Packaging Method	Strip
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Other

Terminals & Splices Comment	Stud Retaining Terminal
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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
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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(41)



Ring Terminals(28)



Splices(77)

Customers Also Bought

TE Part #2-459722-1
BLADE, SLUG

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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English