

51979-3 ✓ ACTIVE

COPALUM

TE Internal #: 51979-3

Ring Terminals & Spade Terminals, Ring Tongue, 12 – 10 AWG

Wire Size, 5 mm² Wire Size, 5180 – 13100 CMA Wire Size, Stud Size

M6

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Terminals & Splices > Ring Terminals & Spade Terminals



Ring & Spade Terminal Type: **Ring Tongue**

Wire Size: **5180 – 13100 CMA**

Stud Size: **M6**

Features

Product Type Features

Shape Description	RING-044
Stud Size	M6
Sealable	No
Wire Insulation Support Retention Type	Non-Insulation Support

Configuration Features

Number of Holes	1
Terminal Angle	180 °

Body Features

Weight per Piece	2.456 g
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Contact Features

Ring & Spade Terminal Type	Ring Tongue
Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin
Contact Underplating Material	None

Dimensions

Wire Size	5180 – 13100 CMA
Stud Diameter	6.73 mm[.265 in]
Tongue Thickness	1.07 mm[.042 in]



Overall Product Length	21.21 mm[.835 in]
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Barrel Inside Diameter	6.55 mm[.258 in]
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Usage Conditions

Insulation Option	Uninsulated
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Operating Temperature Range	-55 – 150 °C[-85 – 347 °F]
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Operation/Application

Heavy Duty	No
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Packaging Features

Packaging Quantity	500
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Packaging Method	Box
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Other

Comment	Not approved for reconnection of residential aluminum branch circuit wiring., When two or more wires are used in a parallel splice, the combined cross-sectional area must be within the CMA range listed.
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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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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
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Solder Process Capability	Not applicable for solder process capability
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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



Documents

Product Drawings

[TERMINAL,COPALUM 12-10 1/4](#)

English

CAD Files

Customer View Model

[ENG_CVM_51979-3_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_51979-3_J.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_51979-3_J.2d_dxf.zip](#)

English

3D PDF

English

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Datasheets & Catalog Pages

[COPALUM Lite Sealed Terminals and Splices](#)

English

Product Specifications

[Application Specification](#)

English

[COPALUM Terminals And Splices For Solid And Stranded Wire](#)

English

[Application Specification](#)



Japanese

[Copalum Terminals & Splices f/Solid & Stranded Wire](#)

Japanese

[Agency Approvals](#)

[UL Report](#)

English

[UL Report](#)

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