

51986 ✓ ACTIVE

COPALUM

TE Internal #: 51986

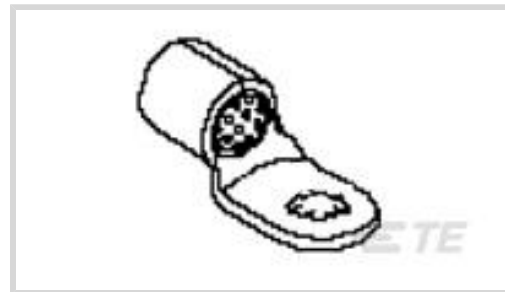
Ring Terminals & Spade Terminals, Ring Tongue, 0AWG Wire Size,
50mm² Wire Size, 83700 – 119500CMA Wire Size, M6, Stud

Diameter 6.73 mm [.265 in]

[View on TE.com >](#)



Terminals & Splices > Ring Terminals & Spade Terminals



Terminal & Splice Type: **Ring Tongue**

Wire Size: **83700 – 119500 CMA**

Ring & Spade Stud Size: **M6**

Features

Product Type Features

Shape Description	RING-050
Ring & Spade Stud Size	M6
Ring & Spade Barrel Type	Closed Barrel
Sealable	No
Insulated	No
Ring & Spade Wire/Cable Type	Aluminum, Copper
Support Style	Non - Insulation Support

Configuration Features

Number of Holes	1
Terminal Angle	Straight

Body Features

Weight per Piece	21.933 g
Ring & Spade Plating Material	Tin

Contact Features

Terminal & Splice Type	Ring Tongue
Ring & Spade Terminal Orientation	Straight
Underplating Material	None

Dimensions

Wire Size	83700 – 119500 CMA
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Stud Diameter	6.73 mm [.265 in]
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Tongue Thickness	1.85 mm [.073 in]
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Ring & Spade Overall Length	47.21 mm [1.859 in]
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Barrel Inside Diameter	10.08 mm [.397 in]
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Usage Conditions

Insulation Requirement	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	50
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Ring & Spade Packaging Method	Box
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Other

Comment	Not approved for reconnection of residential aluminum branch circuit wiring.
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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: JAN 2021 (211) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
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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

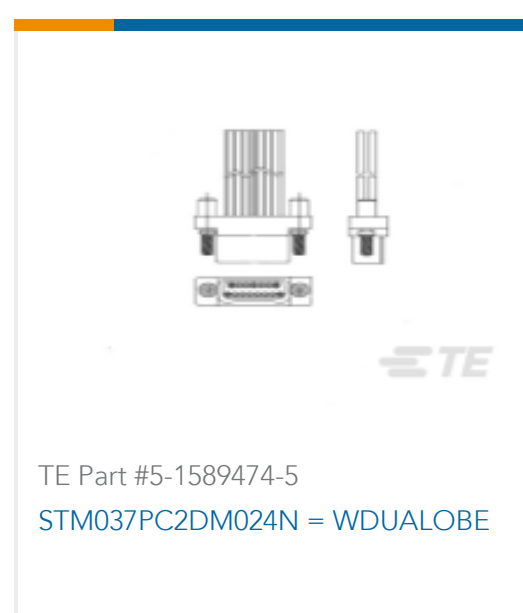
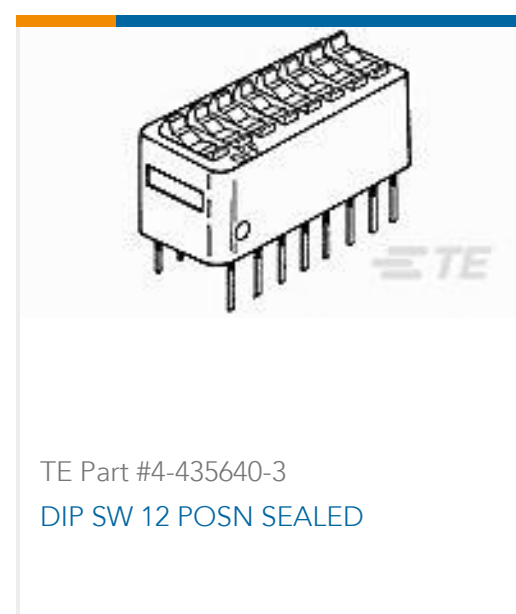
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



Customers Also Bought



Documents

Product Drawings



TERMINAL,COPALUM 1/0 1/4

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_51986_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_51986_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_51986_D.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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