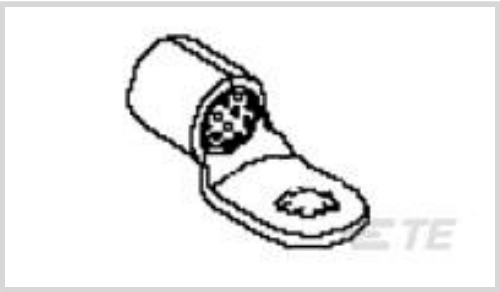




Terminals & Splices > Rings & Spades



Terminal & Splice Type: **Ring Tongue**  
Wire Size: **20800 – 33100 CMA**  
Stud Size: **M6**

Features

Product Type Features

Shape Description	RING-041
Stud Size	M6
Barrel Type	Closed Barrel
Sealable	No
Insulated	No
Wire/Cable Type	Aluminum, Copper
Support Style	Non - Insulation Support

Configuration Features

Number of Holes	1
Terminal Angle	Straight

Body Features

Weight per Piece	7.043 g
Plating Material	Tin

Contact Features

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

Dimensions

Wire Size	20800 – 33100 CMA
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Stud Diameter	5.0038 mm[.197 in]
Tongue Thickness	1.3 mm[.051 in]
Overall Length	35.94 mm[1.415 in]
Barrel Inside Diameter	6.045 mm[.238 in]

Usage Conditions

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	100
Packaging Method	Box

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
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: JAN 2020 (205) Candidate List Declared Against: JAN 2019 (197) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2019 (197)
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Model / Part # 1490573-1 HYP10 COPALUM BAR 6AWG DIE SET	TE Model / Part # 68044 HYP8/10 COPALUM BAR 6AWG DIE SET	TE Model / Part # 68085 HYP8 COPALUM IP 6AWG DIE SET	TE Model / Part # 68086 HYP8 COPALUM IP 4AWG DIE SET

Customers Also Bought

TE Model / Part #52747 SPLICE,COPALUM PARA 4	TE Model / Part #66108-6 III+ SKT,26-24,TIN-LEAD,STRIP	TE Model / Part #51982-1 TERMINAL,COPALUM R 2 5/16	TE Model / Part #52748 SPLICE,COPALUM PARA 2
TE Model / Part #50717-1 TERMINAL,COPALUM 4 1/4	TE Model / Part #52749 SPLICE,COPALUM PARA 1/0	TE Model / Part #874673-000 202K174-12-01-0	TE Model / Part #3-102972-2 32 MODII HDR SRST B/A .100CL



Documents

Product Drawings

[TERMINAL, COPALUM 6 1/4](#)

English

CAD Files

Customer View Model

[ENG\\_CVM\\_50719-1\\_G.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_50719-1\\_G.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_50719-1\\_G.2d\\_dxf.zip](#)

English

3D PDF

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

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

Japanese

[Application Specification](#)

Japanese

Product Environmental Compliance

[TE Material Declaration](#)

English

50719-1

Rings & Spades, Ring Tongue, 6 AWG, 14 mm², 20800 – 33100 CMA, M6, Stud  
Diameter 5.0038 mm [.197 in], Tongue Thickness 1.3 mm [.051 in], Closed Barrel

