

52013 ✓ ACTIVE

## COPALUM

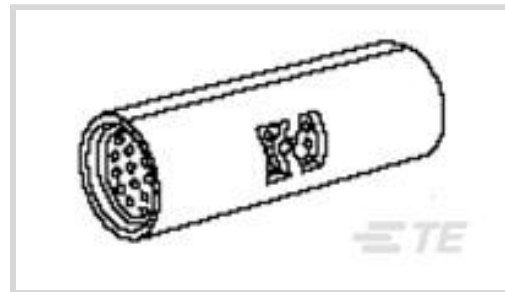
TE Internal #: 52013

Splices, 0 AWG Wire Size, 50 mm<sup>2</sup> Wire Size, 83700 – 119500 CMA Wire Size, Copper, Butt Splice Splice, Length 50.42 mm [1.985 in], Box, Open

[View on TE.com >](#)



Terminals & Splices > Splices > COPALUM Stranded/Solid: Butt Splices



Wire Size: 83700 – 119500 CMA

Sealable: No

Accepts Wire Insulation Diameter Range: [ .504 in ]

[All COPALUM Stranded/Solid: Butt Splices \(9\)](#)

### Features

#### Product Type Features

Splice Accessory Type	Splice
Sealable	No
Splice Type	Butt Splice
Serrated	No
Compatible With Discrete Wire Type	Solid, Stranded

#### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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#### Body Features

Weight per Piece	105 g
Primary Product Material	Copper

#### Contact Features

	30 μin
Contact Plating Material	Tin
Barrel Type	Open

#### Dimensions

Wire Size	83700 – 119500 CMA
	.504 in
Terminal Material Thickness	2.44 mm[.096 in]



Overall Product Length	50.42 mm[1.985 in]
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### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-65 – 175 °C[-85 – 347 °F]

### Operation/Application

Compatible With Wire Base Material	Aluminum, Copper
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### Packaging Features

Packaging Quantity	50
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: JUNE 2022 (224) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
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



## Documents

### Product Drawings

[SPLICE,COPALUM BUTT 2/0](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_52013\\_H.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_52013\\_H.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_52013\\_H.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

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[Agency Approvals](#)

[UL Report](#)

English

[UL Report](#)

English