

SPLICE,COPALUM BUTT 4

✓ ACTIVE

COPALUM

TE Part # 277158-1
TE Internal #: 277158-1
Mil-Spec: [B: 277158-1]
[View on TE.com >](#)



Terminals & Splices > Splices



Product Type: **Splice**
Terminal & Splice Type: **Splice**
Wire Size: **13.8 mm²**
Sealable: **Yes**

Features

Product Type Features

Product Type	Splice
Sealable	Yes
Splice Type	Butt Splice
Serrated	No
Wire/Cable Type	Aluminum, Copper

Body Features

Weight per Piece	27.96 g
Splice Material	Copper

Contact Features

	100 μin
Contact Plating Material	Nickel
Terminal & Splice Type	Splice

Dimensions

Wire Size	26818 CMA
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Packaging Features

Packaging Quantity	25
Packaging Method	Box

Other

Comment	For Al-Al applications, splices will accept
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the same wire size at either end. For Al-to-Cu applications, however, the size of the Cu wire must be "stepped down" 2 wire sizes to compen. for the diff. in the elect. properties of Copper and Aluminum.

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 2019 (197) 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

SPLICE,COPALUM BUTT 4

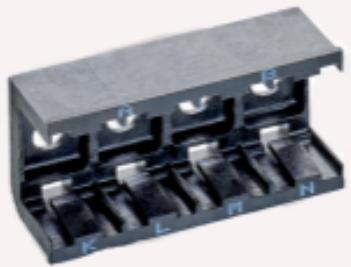
TE Part # 277158-1
TE Internal #: 277158-1
Mil-Spec: [B: 277158-1]



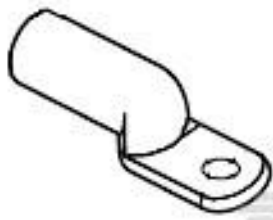


TE Part # 1490557-1
U DIE, SEALED COPALUM
4 AWG

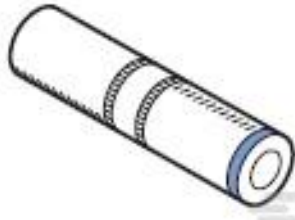
Customers Also Bought



TE Part #DCR-1A-02
COMPOSIT RAIL



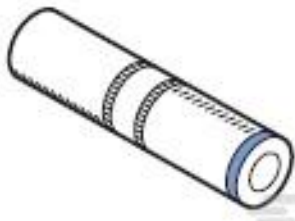
TE Part #277149-4
TERMINAL,COPALUM R 4
3/8



TE Part #277157-1
SPLICE,COPALUM BUTT 6



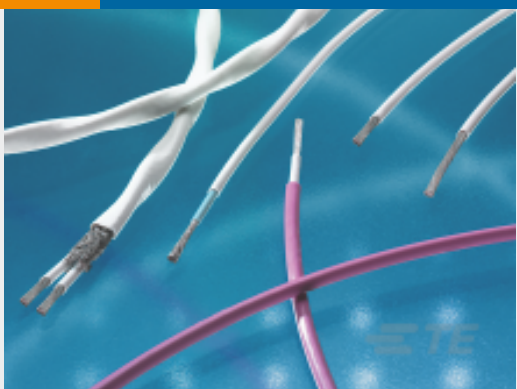
TE Part #A59779-000
S200-3-01-100HN



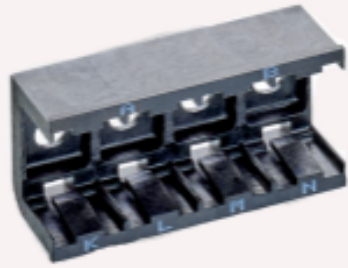
TE Part #277160-1
SPLICE, COPALUM, BUTT,
1/0 AL, 2 CU



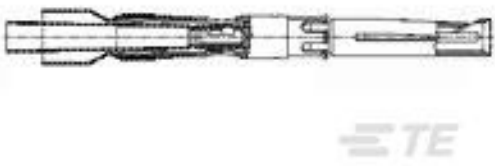
TE Part #12336-22
CONT IMP



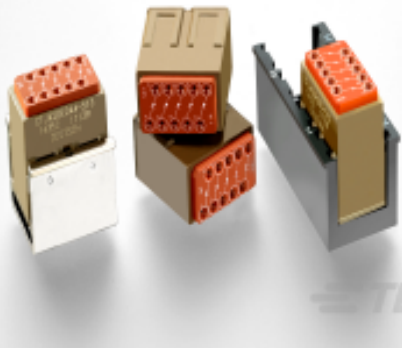
TE Part #943923-000
55PC0221-16-2/6CS2502



TE Part #DCR-1A-08
COMPOSIT RAIL



TE Part #601150-000
D-602-77



TE Part #CTJ420E109
ELEC MODULE

Documents

Product Drawings
SPLICE,COPALUM BUTT 4
English

CAD Files
Customer View Model
ENG_CVM_CVM_277158-1_J.2d_dxf.zip
English
3D PDF



3D

Customer View Model

[ENG_CVM_CVM_277158-1_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_277158-1_J.3d_stp.zip](#)

English

Datasheets & Catalog Pages

[COPALUM Lite Sealed Terminals and Splices](#)

English

Product Specifications

[Application Specification](#)

English