277164-1 ✓ ACTIVE

COPALUM

TE Internal #: 277164-1

Butt Splice, 8 AWG, 8.8 mm² Wire, Sealable, Transitional, 16983 CMA, Copper, Length 57.4 mm [2.26 in], Box, Open Barrel, Stranded Wire

View on TE.com >

Terminals & Splices > Splices > COPALUM Sealed: Butt Splices

Splice Type: **Butt Splice**

Wire Size: **8.8 mm²**

Sealable: **Yes**

Splice Features: **Transitional**

All COPALUM Sealed: Butt Splices (11)

Features

Packaging Features

Packaging Quantity	25
Packaging Method	Box

Contact Features

	100 µin
Terminal Plating Material	Nickel
Contact Base Material	Copper
Barrel Type	Open

Body Features

Product Weight	30.923 g
Splice Features	Transitional

Product Type Features

Splice Accessory Type	Splice
Splice Type	Butt Splice
Sealable	Yes
Compatible With Discrete Wire Type	Stranded

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

277164-1

Butt Splice, 8 AWG, 8.8 mm² Wire, Sealable, Transitional, 16983 CMA, Copper,
Length 57.4 mm [2.26 in], Box, Open Barrel, Stranded Wire

Dimensions

Wire Size	16983 CMA
Compatible Insulation Diameter Range	7.37 mm[.29 in]
Terminal Material Thickness	2.41 mm[.095 in]
Product Length	57.4 mm[2.26 in]

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Aluminum, Copper

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on

277164-1

Butt Splice, 8 AWG, 8.8 mm² Wire, Sealable, Transitional, 16983 CMA, Copper,
Length 57.4 mm [2.26 in], Box, Open Barrel, Stranded Wire

requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-
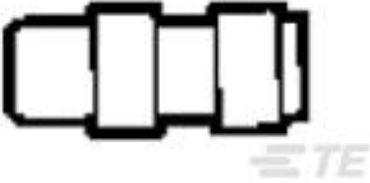reach

Compatible Parts

TE Part # 68008-1
DIE ASSY #4 SEALED COPALUM

TE Part # 1490557-1
HYP10 COPALUM SEALED 4AWG DIE
SET

Customers Also Bought

TE Part #328860
WIRE CAP,TFL .088-.110

TE Part #2-1617088-4
3SAM6015M2 = RELAY

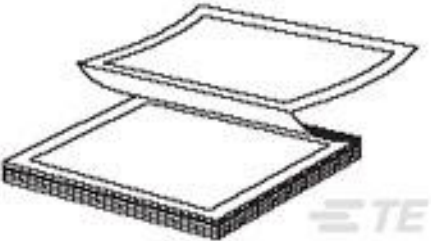TE Part #CAT-C7901-AL82
COPALUM Sealed: Butt Splices

TE Part #277151-2
TERMINAL,COPALUM R 1/0 3/8

TE Part #ZPF000000000019309
FDBA 56-14-19 SN-K-A499

TE Part #ZPF000000000011583
BJE 66

TE Part #C87423-000
DMVF1679YW2-CS7817

Documents

Product Drawings
SPLICE,SEALED COPALUM 4AL 8CU

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_277164-1_N.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_277164-1_N.3d_igs.zip

277164-1

Butt Splice, 8 AWG, 8.8 mm² Wire, Sealable, Transitional, 16983 CMA, Copper,
Length 57.4 mm [2.26 in], Box, Open Barrel, Stranded Wire

English

Customer View Model

ENG_CVM_CVM_277164-1_N.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

Instruction Sheets

Instruction Sheet (U.S.)

English