277149-4 ✓ ACTIVE

COPALUM
TE Internal #: 277149-4

Closed Ring Tongue Terminal, 4 AWG, 3/8 Stud, 9.91 mm [.39 in] Stud Diameter, Closed Barrel, Tin Plating, Uninsulated
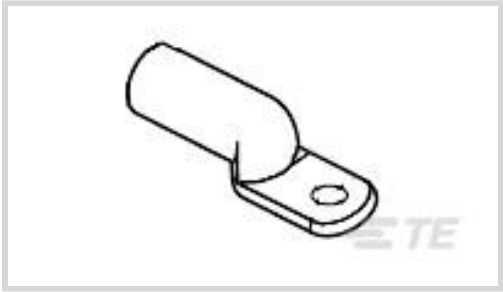
View on TE.com >

Terminals & Splices > Ring Terminals

Ring Terminal Product Type: **Closed Ring Tongue Terminal**

Wire Size: **42420 CMA**

Stud Size: **3/8**

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	3/8
Sealable	Yes
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Number of Holes	1

Electrical Characteristics

Voltage Rating	600 V

Body Features

Product Weight	18.5 g

Contact Features

Barrel Type	Closed
Terminal Plating Material	Tin
Contact Underplating Material	None

Dimensions

Wire Size	42420 CMA
Stud Diameter	9.91 mm[.39 in]
Tongue Thickness	2.15 mm[.085 in]
Product Length	50.8 mm[1.99 in]
Barrel Inside Diameter	8.89 mm[.35 in]

Compatible Insulation Diameter (Max)	7.75 mm[.305 in]
Compatible Insulation Diameter Range	7.01 – 7.75 mm[.276 – .305 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]

Industry Standards

Government Qualified Terminal	No

Packaging Features

Packaging Quantity	25
Packaging Method	Box

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts

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

TE Part # CAT-CMC-CABLE
Multi-Conductor Power Cable, 600 VAC

TE Part # CAT-RAYCHEM82-CABL
Insulated Power Cable, 600-2000 VAC, Spec 80

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

Customers Also Bought

TE Part #325154
DIAMOND GRIP 12-10 HR R 10

TE Part #ZPF300000000015254
DMC-M 12-20 AN

TE Part #ZPF300000000099707
DMC-M 99-01 AN

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

TE Part #CJ1037N001
S200-1-9020CS2904

TE Part #CJ1039N001
S200-2-9020CS2904

TE Part #908357N001
SO63-3-9036-22CS2677

TE Part #CJ1041N001
S200-3-9020CS2904

TE Part #696881-1
COPALUM,SLD,R,3/0AL 3/8

Documents

Product Drawings
TERMINAL,COPALUM R 4 3/8

English

CAD Files
3D PDF

3D
Customer View Model
ENG_CVM_CVM_277149-4_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_277149-4_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_277149-4_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

Instruction Sheets

Instruction Sheet (U.S.)

English