277148-7 ✔ ACTIVE

COPALUM

TE Internal #: 277148-7

Closed Ring Tongue Terminal, 6 AWG, 1/4 Stud Size, 6.73 mm [.265 in] Stud Diameter, Closed Barrel, Straight, Tin, Uninsulated

View on TE.com >

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

Wire Size: **28280 CMA**

Stud Size: **1/4**

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	1/4
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	14.8 g

Contact Features

Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin
Contact Underplating Material	None

Dimensions

Wire Size	28280 CMA
Stud Diameter	6.73 mm[.265 in]
Tongue Thickness	2.26 mm[.089 in]
Product Length	46.74 mm[1.84 in]

277148-7

Closed Ring Tongue Terminal, 6 AWG, 1/4 Stud Size, 6.73 mm [.265 in] Stud
Diameter, Closed Barrel, Straight, Tin, Uninsulated

Barrel Inside Diameter	7.11 mm[.28 in]
Compatible Insulation Diameter (Max)	6.35 mm[.25 in]
Compatible Insulation Diameter Range	5.72 – 6.35 mm[.225 – .25 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	Carton

Other

Terminals & Splices Comment	Sheared Tongue

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

277148-7

Closed Ring Tongue Terminal, 6 AWG, 1/4 Stud Size, 6.73 mm [.265 in] Stud
Diameter, Closed Barrel, Straight, Tin, Uninsulated

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

Compatible Parts

TE Part # 1490556-1
HYP10 COPALUM SEALED 6AWG DIE SET

TE Part # 68007
HYP8/10 COPALUM SEALED 6AWG DIE SET

Customers Also Bought

TE Part #098172-000
55PC0211-10-9CS2970

TE Part #863420-000
55PC0211-22-92CS2970

TE Part #647612-000
55PC0821-20-2/6CS2970

TE Part #077288-000
55PC1114-24-9-9CS2970

TE Part #184948-000
55PC1241-20-CML4-9CS2970

TE Part #C28736-000
55PC2111-18-9-9CS2970

TE Part #A81707-000
55PC2131-20-2/4/6-9CS2970

TE Part #CB5637-000
NPVF050PK-100

TE Part #696840-1
COPALUM,SLD,R,2/0AL 3/8 2H

TE Part #CU1639-000
D-200-0231-RT-CS4049

Documents

Product Drawings
TERM,SLD COPALUM R 6 1/4

English

277148-7

Closed Ring Tongue Terminal, 6 AWG, 1/4 Stud Size, 6.73 mm [.265 in] Stud
Diameter, Closed Barrel, Straight, Tin, Uninsulated

CAD Files

Customer View Model

ENG_CVM_CVM_277148-7_H.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_277148-7_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_277148-7_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