51986-1 ✔ ACTIVE

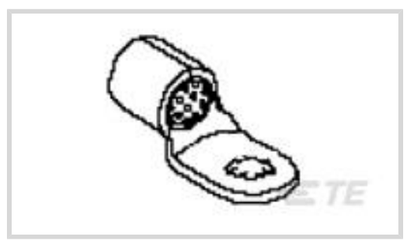
COPALUM

TE Internal #: 51986-1

Closed Ring Tongue Terminal, 1/0 AWG, 5/16 / M8 Stud, 8.33 mm [.328 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Uninsulated

View on TE.com >

Terminals & Splices > Ring Terminals



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

Wire Size: **83700 – 119500 CMA**

Stud Size: **5/16, M8**

Features

Product Type Features

Shape Description	RING-050
Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	5/16, M8
Sealable	No
Wire Insulation Support Retention Type	Non-Insulation Support

Configuration Features

Number of Holes	1

Body Features

Product Weight	37.077 g

Contact Features

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

Dimensions

Wire Size	83700 – 119500 CMA
Stud Diameter	8.33 mm[.328 in]
Tongue Thickness	1.85 mm[.073 in]
Product Length	47.21 mm[1.859 in]

Barrel Inside Diameter	10.08 mm[.397 in]

Usage Conditions

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

Packaging Features

Packaging Quantity	50
Packaging Method	Box

Product Compliance

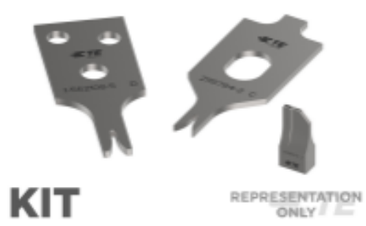
For compliance documentation, visit the product page on TE.com>

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 7-2387322-7
Applicator KIT

TE Part # 2387322-1
Large Wire Applicator - LP

TE Part # 68047
HYP8/10 COPALUM BAR 1/0AWG DIE SET

TE Part # 68131
HYP8 COPALUM IP 1/0AWG DIE SET

Customers Also Bought

TE Part #1SNL312510R0000
DBL125

TE Part #51995-2
TERMINAL,COPALUM R 4/0 1/2

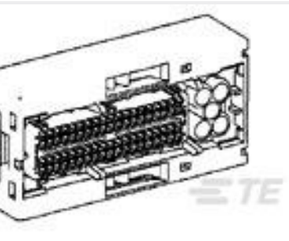
TE Part #66180-1
III+ PIN,SOLDER,30AU,10AU FLASH,LP

TE Part #66181-1
III+ SKT,SOLDER,30AU,10AU FLASH,LP

TE Part #1-175196-2
DYNAMIC D-3 REC CONT/L PdNi & AU 0.38

TE Part #178289-8
DYNAMIC D3100 REC HSG 20P

TE Part #205210-8
PLUG ASSY SIZE 4



TE Part #1473244-1
MQS REC 81P ASSY

TE Part #4-1618413-9
EV600HSANM = CONTACTOR, SPST-NO 24V COIL

TE Part #172773-4
MIC MARK-2 REC B TYPE CONTACT

Documents

Product Drawings

TERMINAL,COPALUM 1/0 5/16

English

CAD Files

Customer View Model

ENG_CVM_CVM_51986-1_D.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_51986-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_51986-1_D.3d_stp.zip

English

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

Agency Approvals

UL Report

English

UL Report

English