

42946-2 ✓ ACTIVE

TE Internal #: 42946-2

Closed Ring Tongue Terminal, 12 – 8 AWG, M8 / 5/16 Stud Size,
8.74 mm [.344 in] Stud Diameter, Open Barrel, Straight, Tin,
Uninsulated

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Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 6529 – 16507 CMA

Stud Size: 5/16, M8

Features

Product Type Features

Shape Description	Circular/Oval
Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	5/16, M8
Sealable	No
Compatible With Discrete Wire Type	Stranded
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Number of Holes	1
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Body Features

Product Weight	3.137 g
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Contact Features

Contact Base Material	Brass
Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Tin
Contact Underplating Material	None



Mechanical Attachment

Wire Insulation Support	With
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Dimensions

	.15 in
Wire Size	6529 – 16507 CMA
Stud Diameter	8.74 mm [.344 in]
Tongue Thickness	1.02 mm [.04 in]
Product Length	31.75 mm [1.25 in]
Barrel Inside Diameter	3.81 mm, 4.57 mm [.15 in] [.18 in]
Compatible Insulation Diameter (Max)	5.59 mm [.22 in]
Compatible Insulation Diameter Range	3.81 – 5.59 mm [.15 – .22 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	110 °C [230 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Industry Standards

Government Qualified Terminal	No
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Packaging Features

Packaging Quantity	2000
Packaging Method	Strip/Reel

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

Compatible Parts

TE Part # 2-2150524-2
OCEAN_2.0_APPLICATOR-E-210F3000

TE Part # 2150524-2
OCEAN_2.0_APPLICATOR-E-210F3000

TE Part # 7-2150524-2
OCEAN_2.0_APPLICATOR-E-210F3000

TE Part # 7-2150524-7
OCEAN_2.0_SPARE_PART_KIT-210F3000

Customers Also Bought

TE Part #42947-2
RING 12-8 AWG TPBR

TE Part #61352-1
RING .197 (5.0 MM) 10-6 AWG TPBR

TE Part #175178-1
PL EX 250 REC TERMINAL-FLAG 12-10 PTPB

TE Part #NB14862001
DWP125 Heat shrink Tubing

TE Part #330301
TERMINAL,SOLIS R 2 10

TE Part #34126
TERMINAL,SOLIS R 16-14 3/8

TE Part #640007-3
RING TERMINAL 16-14 AWG TPBR

TE Part #4-1904124-2
V23074A1001A402-EV-CBOX



Documents

Product Drawings

RING 12-8 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_42946-2_T_c-42946-2-t.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_42946-2_T_c-42946-2-t.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_42946-2_T_c-42946-2-t.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

[MD_42946-2_11192014939_dmtec](#)

English

[MD_42946-2_11192014939_dmtec](#)

English