

42947-2 ✓ ACTIVE

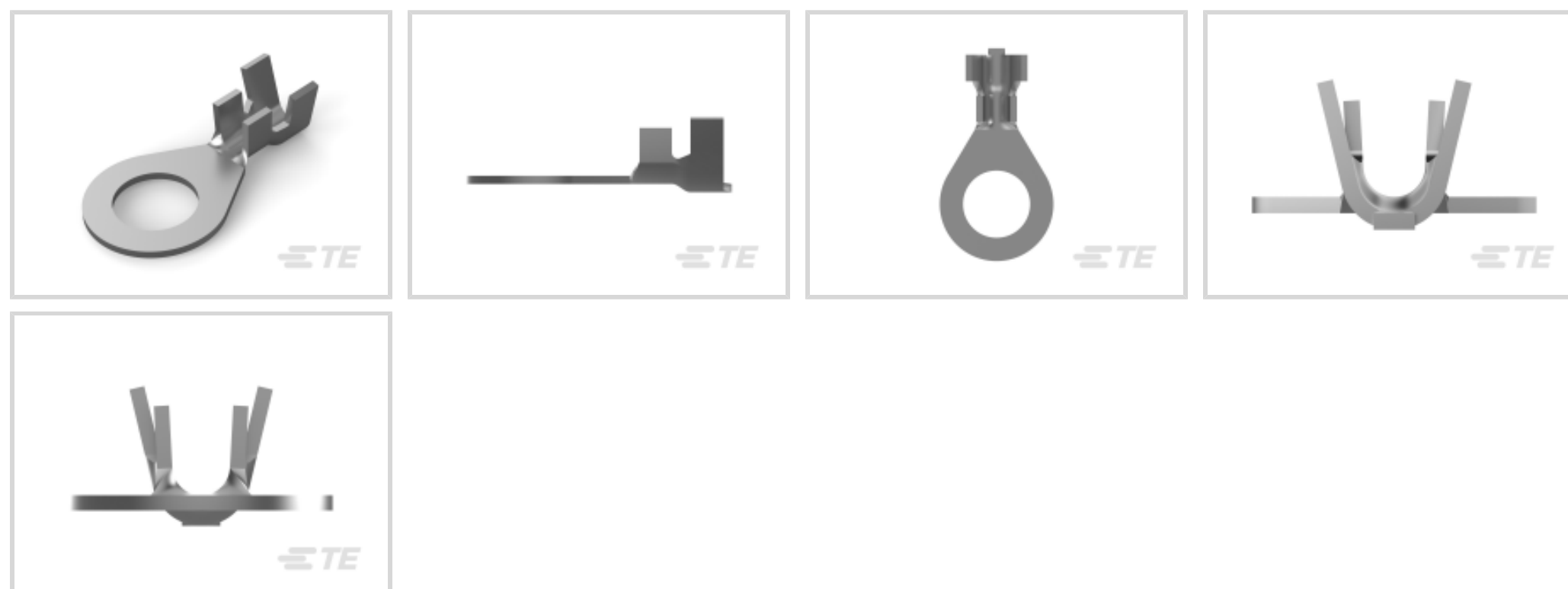
TE Internal #: 42947-2

Closed Ring Tongue Terminal, 12 – 8 AWG, 3/8 Stud Size, 10.29 mm [.405 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: 3/8

Features

Dimensions

	.15 in
Wire Size	6529 – 16507 CMA
Stud Diameter	10.29 mm [.405 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 [.18 in] [.15 in]
Compatible Insulation Diameter (Max)	5.59 mm [.22 in]
Compatible Insulation Diameter Range	3.81 – 5.59 mm [.15 – .22 in]

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	3/8
Sealable	No
Compatible With Discrete Wire Type	Stranded
Wire Insulation Support Retention Type	Insulation Support
Shape Description	Circular/Oval

Contact Features

Barrel Type	Open
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Terminal Orientation	Straight
Terminal Plating Material	Tin
Contact Underplating Material	Nickel
Contact Base Material	Brass

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Strip/Reel
Packaging Quantity	2000

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Configuration Features

Number of Holes	1
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Body Features

Product Weight	2.991 g
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Mechanical Attachment

Wire Insulation Support	With
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Industry Standards

Government Qualified Terminal	No
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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 requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



Customers Also Bought





TE Part #282762-2
JPT SPLASH-PROOF FEM.CONN2
POS



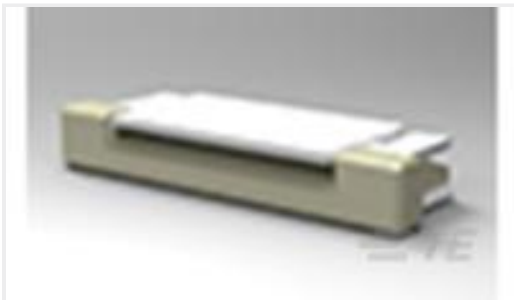
TE Part #1-964330-1
SPT A REC 6.3 Contact SWS Sn



TE Part #1-1452688-2
PRESS FIT PIN TERMINALS



TE Part #1217321-2
FF 110 REC 18-14AWG TPBR



TE Part #4-1734839-0
FPC CONN. 0.5MM PITCH T/C,40P

Documents

Product Drawings

RING 12-8 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_42947-2_T_c-42947-2-t.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_42947-2_T_c-42947-2-t.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_42947-2_T_c-42947-2-t.3d_stp.zip](#)

English

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Product Specifications

Engineering Report

English