



Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 190000 – 231100 CMA

Stud Size: 1/2

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	1/2
Sealable	No
Wire Insulation Support Retention Type	Non-Insulation Support

Configuration Features

Number of Holes	1
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Body Features

Product Weight	.738 g
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Contact Features

Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

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Wire Size	190000 – 231100 CMA
Stud Diameter	13.08 mm[.515 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	.1 mm[2.537 in]
Barrel Inside Diameter	16.13 mm[.634 in]

Usage Conditions

Insulation Option	Uninsulated
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Operation/Application

Compatible With Wire Base Material	Copper
Compatible With Wire Plating Material	Tin

Industry Standards

Government Qualified Terminal	No
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Packaging Features

Packaging Quantity	50
Packaging Method	Loose Piece

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 # 1490413-8
HYP10 SOLIS 4/0AWG NEST

TE Part # 1490414-3
HYP10 SOLIS HD 1/0AWG INDENTER

TE Part # 48131
HYP8 SOLIS 1/0-4/0AWG INDENTER

TE Part # 300430
HYP8 SOLIS 4/0AWG NEST

TE Part # 45445
HYP8/10 SOLIS 4/0AWG DIE SET

Customers Also Bought

TE Part #1028-015-1205
BKSHL, 12P, BLK, PLG, ST, NW 13/17

TE Part #130014
TERM, R, PG, 22-16, M5

TE Part #87523-5
MOD IV RECP PLTD SN

TE Part #35316
TERMINAL,PIDG R 16-14HD 1/2

TE Part #DT06-3S-P032
PLG, 3P, BLK, N, INTEGRATED ADAPTER

TE Part #CAT-J41-DDRC
DEUTSCH DT Receptacle Connectors

TE Part #DTM04-6P
REC, 6P, GRY, N

TE Part #W3S-1939
WEDGE LOCK, 3P, PLG, BLU, STD, J1939, DT



Documents

Product Drawings

[TERMINAL,SOLIS R 4/0 1/2](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_321163_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_321163_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_321163_F.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[UL Report](#)

English

[UL Report](#)

English