



Terminals & Splices > Ring Terminals & Spade Terminals



Terminal & Splice Type: **Ring Tongue**
Wire Size: **5180 – 13100 CMA**
Ring & Spade Stud Size: **1/2, M12**

Features

Product Type Features

Shape Description	RING-048
Ring & Spade Stud Size	1/2, M12
Ring & Spade Barrel Type	Closed Barrel
Sealable	No
Insulated	No
Ring & Spade Wire/Cable Type	Regular Wire
Support Style	Non - Insulation Support

Configuration Features

Number of Holes	1
Terminal Angle	Straight

Body Features

Weight per Piece	8.049 g
Ring & Spade Plating Material	Copper, Tin

Contact Features

Terminal & Splice Type	Ring Tongue
Ring & Spade Terminal Orientation	Offset

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

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Wire Size	5180 – 13100 CMA
Stud Diameter	13.08 mm[.515 in]
Tongue Thickness	.79 mm[.031 in]
Ring & Spade Overall Length	48.16 mm[1.893 in]
Barrel Inside Diameter	3.28 mm[.129 in]

Usage Conditions

Insulation Requirement	Uninsulated
Operating Temperature Range	170 °C[338 °F]

Operation/Application

Heavy Duty	No
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Industry Standards

Government Qualified	No
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Packaging Features

Packaging Quantity	500
Ring & Spade 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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

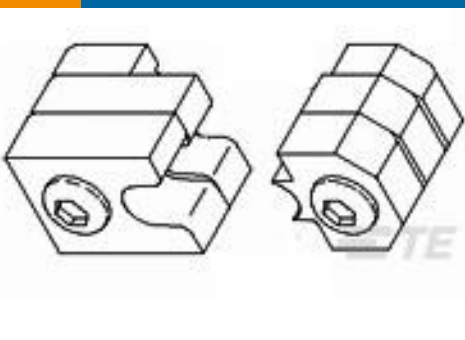
Product Compliance Disclaimer

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 # 58545-1 SOLISTRAND 10-22 DIE ASSY	 TE Part # 49935 DAHT SOLIS 22-10 ASSY	 TE Part # 58546-1 PC 22-10 SOLISSPICE SPL I SHT	 TE Part # 539662-2 MATR SOLISTR 0,3-6,
 TE Part # 58545-3 SDE DIE ASSY. 22-10 SOLISTRAND	 TE Part # 47814 DIES SOLIS 12-10 DIE SET	 TE Part # 169400 CERTI-LOK	

Customers Also Bought

 TE Part #2-36161-4 PIDG RING TONGUE TERMINALS	 TE Part #1-794059-0 MINI UMNL PIN L/P LF	 TE Part #2101551-1 PLUG,40 POS,Sz105,w/SOLDER CUPS, 140 POT	 TE Part #2101551-2 PLUG,40 POS,Sz105,w/SOLDER CUPS, 240 POT
 TE Part #3-1761605-3 IDC LOW PRO HDR 40P RA BLUE	 TE Part #1062-20-0122 DEUTSCH STAMPED & FORMED CONTACTS	 TE Part #1118012001 Dual Wall DSPL Stick Heat Shrink Tubing	 TE Part #160038 SOLIS 12-10 R 10MM



Documents

Product Drawings

TERMINAL,SOLIS R 12-10 1/2

English

CAD Files

Customer View Model

ENG_CVM_320763_C.3d_igs.zip

English

Customer View Model

ENG_CVM_320763_C.3d_stp.zip

English

Customer View Model

ENG_CVM_320763_C.2d_dxf.zip

English

3D PDF

English

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Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL Report

English

UL Report

English