



Terminals & Splices > Ring Terminals & Spade Terminals



Terminal & Splice Type: **Ring Tongue**

Wire Size: **190000 – 231000 CMA**

Ring & Spade Stud Size: **M10**

Features

Product Type Features

Shape Description	RING-080
Ring & Spade Stud Size	M10
Ring & Spade Barrel Type	Closed Barrel
Sealable	No
Insulated	No
Ring & Spade Wire/Cable Type	Regular Wire
Support Style	Insulation Support

Configuration Features

Number of Holes	1
Terminal Angle	Straight

Body Features

Inspection Slot	No
Weight per Piece	45.755 g
Ring & Spade Plating Material	Copper, Tin

Contact Features

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

Mechanical Attachment

Wire Insulation Support	Without
-------------------------	---------

Dimensions



Wire Size	190000 – 231000 CMA
Stud Diameter	10 mm, 10.5 mm[.413 in]
Tongue Thickness	.79 mm[.031 in]
Ring & Spade Overall Length	56.03 mm[2.206 in]
Barrel Inside Diameter	22.07 mm[.869 in]

Usage Conditions

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

Operation/Application

Heavy Duty	No
------------	----

Industry Standards

Government Qualified	No
----------------------	----

Packaging Features

Packaging Quantity	25
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 # 1490414-3 HYP10 SOLIS HD 1/0AWG INDENTER	TE Part # 1490413-8 HYP10 SOLIS 4/0AWG NEST	TE Part # 45445 HYP8/10 SOLIS 4/0AWG DIE SET	TE Part # 48131 HYP8 SOLIS 1/0-4/0AWG INDENTER
TE Part # 300430 HYP8 SOLIS 4/0AWG NEST	TE Part # 4-1377172-7 SMP 0-0160129-0		

Customers Also Bought

TE Part #1-1393793-4 AXICOM D2N SENSITIVE	TE Part #1-640456-4 Polyester Vertical PCB Header: 2.54 mm, Unshrouded, No Mating Alignment	TE Part #103310-3 016 LOPRO HDR RA 15DP	TE Part #1-1625890-6 2W SM M/OX 5% 180K
TE Part #11032567-00 44033RC,THERM,ROHS	TE Part #CB5004-000 BSTS-04X4	TE Part #130519 SOLIS 22-16 SPADE M4	TE Part #130017 SOLIS R 22-16 5MM

Documents

Product Drawings



TERM,SOLIS R 4/0 M10

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_160129_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_160129_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_160129_C.3d_stp.zip

English

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

Agency Approvals

UL Report

English