

160000 ✓ ACTIVE

SOLISTRAND

TE Internal #: 160000

Ring Terminals & Spade Terminals, Ring Tongue, 0AWG Wire Size,  
42.5 – 60.5mm<sup>2</sup> Wire Size, 83700 – 119500CMA Wire Size, M10

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Terminals & Splices > Ring Terminals & Spade Terminals



Terminal & Splice Type: **Ring Tongue**

Wire Size: **83700 – 119500 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	Non - Insulation Support

**Configuration Features**

Number of Holes	1
Terminal Angle	Straight

**Body Features**

Weight per Piece	24.975 g
Ring & Spade Plating Material	Tin

**Contact Features**

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

**Mechanical Attachment**

Wire Insulation Support	Without
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**Dimensions**

Wire Size	83700 – 119500 CMA
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Stud Diameter	10 mm, 10.5 mm[.413 in]
Tongue Thickness	.79 mm[.031 in]
Ring & Spade Overall Length	49.7 mm[1.953 in]
Barrel Inside Diameter	11.28 mm[.444 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	50
Ring & Spade Packaging Method	Box

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

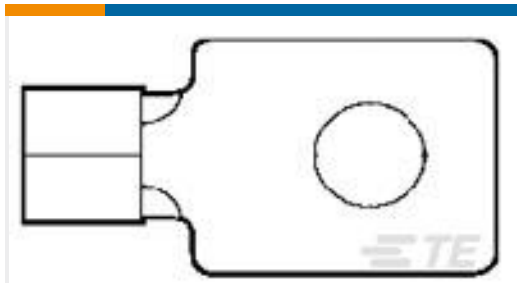
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not 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 # 696693-1  
TERM,SOLIS FLAG R 2 3/8 NIPL



TE Part # 150453  
TERM,RING,SOLIS,STRAT,2 AWG, 5 /16,NI



TE Part # 3-1377172-6  
SMP 0-0160000-0



TE Part # 36926  
TERM,SOLIS R 2/0 5/8

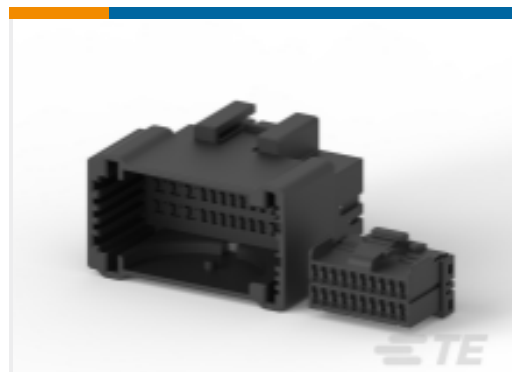
## Customers Also Bought



TE Part #1-1718491-2  
AMP MCP, UNSEALED CONNECTOR HOUSING



TE Part #1-1718484-4  
AMP MCP BACKSHELLS



TE Part #1-1718492-4  
MULTILOCK, CONNECTOR HOUSING



TE Part #ZPF000000000205727  
M83536/10-024M

## Documents

### Product Drawings

[TERM,SOLIS R 1/0 M10](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_160000\\_AD.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_160000\\_AD.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_160000\\_AD.3d\\_stp.zip](#)

English

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

### Agency Approvals

[UL Report](#)

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Ring Terminals & Spade Terminals, Ring Tongue, 0AWG Wire Size, 42.5 – 60.5mm<sup>2</sup>  
Wire Size, 83700 – 119500CMA Wire Size, M10



English