

TERMINAL,SOLIS R 16-14HD 1/2

✓ ACTIVE

SOLISTRAND

TE Part # 321165

TE Internal #: 321165

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Terminals & Splices > Rings & Spades



Terminal & Splice Type: **Ring Tongue**

Wire Size: **2050 – 5180 CMA**

Stud Size: **1/2, M12**

Features

Product Type Features

Shape Description	RING-048
Stud Size	1/2, M12
Barrel Type	Closed Barrel
Sealable	No
Insulated	No
Wire/Cable Type	Regular Wire

Configuration Features

Number of Holes	1
Terminal Angle	Straight

Body Features

Weight per Piece	3.909 g
Plating Material	Copper, Tin

Contact Features

Terminal & Splice Type	Ring Tongue
Terminal Orientation	Offset

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	2050 – 5180 CMA
Stud Diameter	13.081 mm[.515 in]



Tongue Thickness	1.27 mm[.05 in]
Overall Length	32.28 mm[1.269 in]
Barrel Inside Diameter	2.67 mm[.105 in]

Usage Conditions

Operating Temperature Range	170 °C[338 °F]
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Operation/Application

Heavy Duty	Yes
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Industry Standards

Government Qualified	No
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Packaging Features

Packaging Quantity	500
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 2019 (197) Candidate List Declared Against: JAN 2019 (197)
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

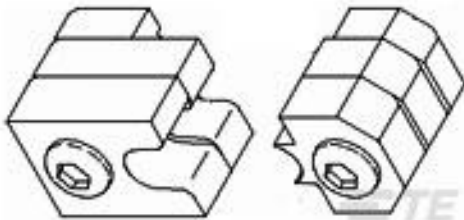
Product Compliance Disclaimer

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the

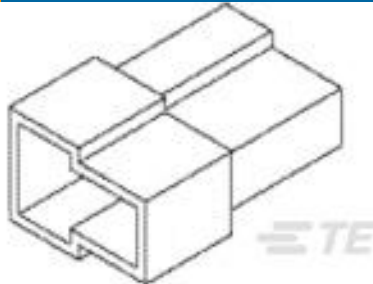


product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

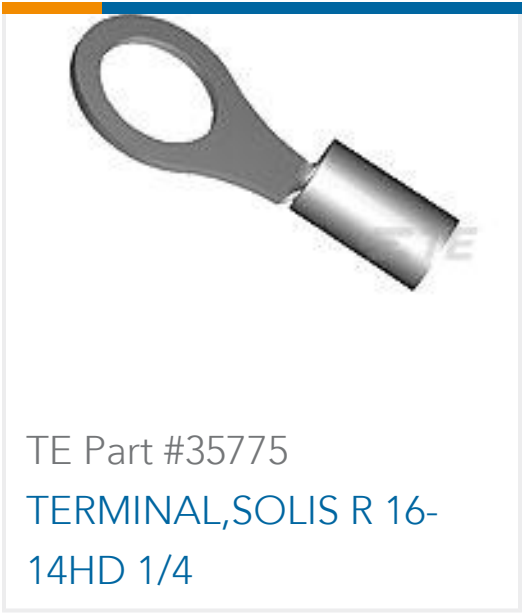
 TE Part # 539662-2 MATR SOLISTR 0,3-6,	 TE Part # 58545-3 SDE DIE ASSY. 22-10 SOLISTRAND	 TE Part # 47814 DIE SOLIS STRANDED 69365 12-10	 TE Part # 49935 DAHT SOLIS 22-10
 TE Part # 58545-1 SOLISTRAND 10-22 DIE ASSY	 TE Part # 58546-1 PC 22-10 SOLISSPICE SPL I SHT		

Customers Also Bought

 TE Part #5748536-1 KIT,RCPT,9P,HDP-20,SHLD HDWRE	 TE Part #770587-1 24P MINI UMNL PLUG HSG	 TE Part #35135 TERMINAL,SOLIS R 12-10 1 /2	 TE Part #34126 TERMINAL,SOLIS R 16-14 3 /8
 TE Part #350922-6 PIN, MATE-N-LOK, UMNL	 TE Part #350923-6 UMNL SOK 12-10 AUNI /PHBZ	 TE Part #485043-2 SPLICE 4000-9000 .020 TPBR	 TE Part #480116-3 FF 250 TAB HSG 2P NYLON BLACK

TERMINAL,SOLIS R 16-14HD 1/2

TE Part # 321165
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TE Part #35775
TERMINAL,SOLIS R 16-14HD 1/4



TE Part #745135-4
HDP-20,PLUG,SIZE 4, 37 POSN,CL

Documents

Product Drawings

TERMINAL,SOLIS R 16-14HD 1/2

English

CAD Files

Customer View Model

ENG_CVM_321165_C.3d_igs.zip

English

Customer View Model

ENG_CVM_321165_C.3d_stp.zip

English

Customer View Model

ENG_CVM_321165_C.2d_dxf.zip

English

3D PDF

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL Report

English

UL Report

English