

SOLISTRAND

TE Internal #: 1-33220-2

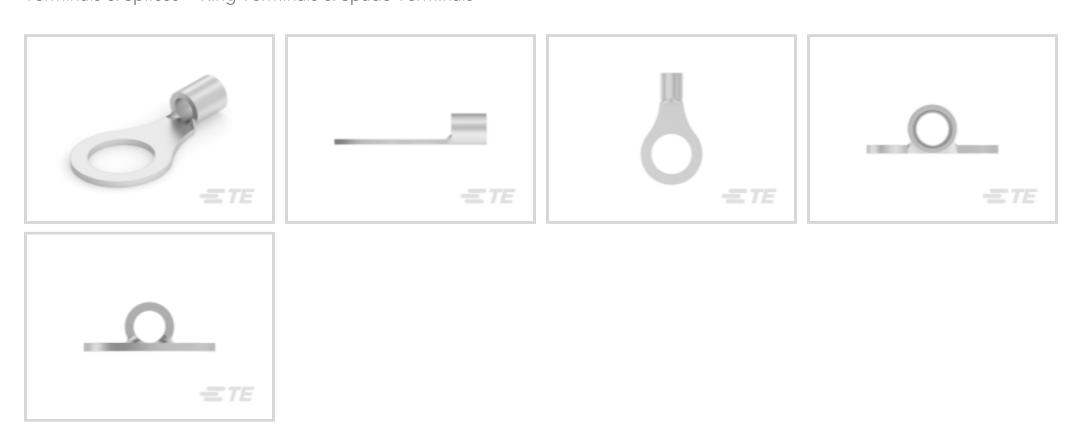
Ring Terminals & Spade Terminals, Ring Tongue, 12 – 10 AWG Wire Size, 3 – 6 mm² Wire Size, 5180 – 13100 CMA Wire Size, Stud

Size 3/8

View on TE.com >



Terminals & Splices > Ring Terminals & Spade Terminals



Ring & Spade Terminal Type: Ring Tongue

Wire Size: 5180 – 13100 CMA

Stud Size: 3/8

Features

Product Type Features

Troduct Type realures	
Shape Description	RING-048
Stud Size	3/8
Sealable	No
Wire Insulation Support Retention Type	Non-Insulation Support
Configuration Features	
Number of Holes	1
Terminal Angle	180°
Body Features	
Inspection Slot	No
Weight per Piece	2.414 g
Contact Features	
Ring & Spade Terminal Type	Ring Tongue
Barrel Type	Closed

Offset

Tin

Terminal Orientation

Terminal Plating Material



Mechanical Attachment

Wire Insulation Support	Without		
Dimensions			
Wire Size	5180 – 13100 CMA		
Stud Diameter	9.53 mm[.375 in]		
Tongue Thickness	.79 mm[.031 in]		
Overall Product Length	27.89 mm[1.098 in]		
Barrel Inside Diameter	3.28 mm[.129 in]		
Usage Conditions			
Insulation Option	Uninsulated		
Operating Temperature Range	170 °C[338 °F]		
Operation/Application			
Compatible With Wire Base Material	Copper		
Compatible With Wire Plating Material	Tin		
Heavy Duty	No		
Industry Standards			
Government Qualified	No		
Packaging Features			
Packaging Quantity	1000		
Packaging Method	Tape Mounted		
Other			
Comment	Requires a 68250-1 Heavy Duty TAPETRONIC and 68242-2 die set for application.		

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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224)



		REACH	CV/II/C
$n \cap T$	CONTAIN	RFA(H	$\sim VH($

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













Documents

Product Drawings

TERMINAL, SOLIS R 12-10 3/8

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-33220-2_V.2d_dxf.zip

English



3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-33220-2_V.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-33220-2_V.3d_stp.zip

English

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Datasheets & Catalog Pages

SOLISTRAND - QRG

English

Agency Approvals

UL Report

English