



TE Internal #: 61863-2
Ring Terminals & Spade Terminals, Ring Tongue, 18 – 14 AWG
Wire Size, .8 – 2 mm² Wire Size, 1624 – 4106 CMA Wire Size, Stud
Size M12 / 1/2
[View on TE.com >](#)

Terminals & Splices > Ring Terminals & Spade Terminals



Ring & Spade Terminal Type: **Ring Tongue**
Wire Size: **1624 – 4106 CMA**
Stud Size: **1/2, M12**

Features

Product Type Features

Shape Description	Circular/Oval
Stud Size	1/2, M12
Sealable	No
Compatible With Discrete Wire Type	Stranded
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Number of Holes	1
-----------------	---

Contact Features

Contact Base Material	Brass
Ring & Spade Terminal Type	Ring Tongue
Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Tin
Contact Underplating Material	Nickel

Mechanical Attachment

Wire Insulation Support	With
-------------------------	------



Dimensions

	.08 in
Wire Size	1624 – 4106 CMA
Stud Diameter	12.7 mm[.5 in]
Tongue Thickness	.76 mm[.03 in]
Product Length	36.83 mm[1.45 in]
Barrel Inside Diameter	1.52 mm, 3.7 mm[.06 in][.146 in]
Compatible Insulation Diameter (Max)	3.81 mm[.15 in]
Compatible Insulation Diameter Range	2.03 – 3.81 mm[.08 – .15 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]

Operation/Application

Compatible With Wire Base Material	Copper
------------------------------------	--------

Industry Standards

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

Packaging Features

Packaging Quantity	2000
Packaging Method	Strip/Reel

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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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



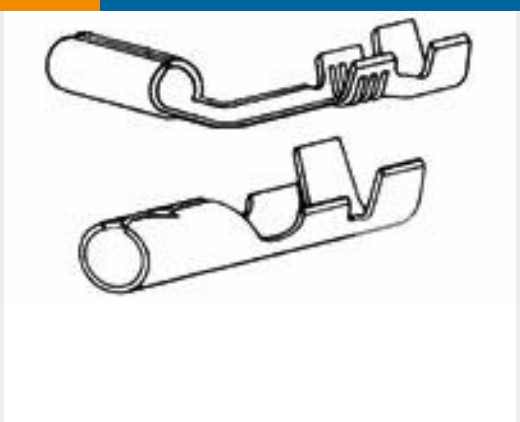
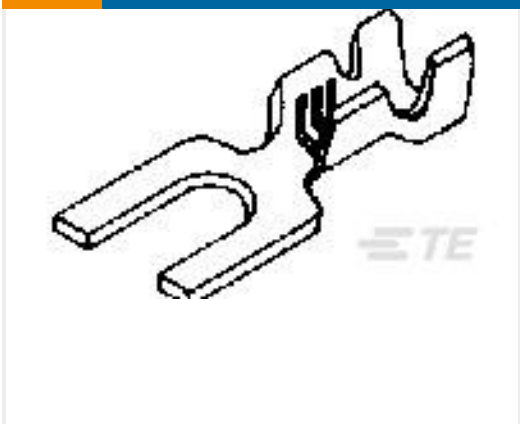
Product Compliance Disclaimer

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 # 2-2266315-2 OCEAN_2.0_APPLICATOR-S-140F220F	 TE Part # 2266315-2 OCEAN_2.0_APPLICATOR-S-140F220F	 TE Part # 7-2266315-2 OCEAN_2.0_APPLICATOR-S-140F220F	 TE Part # 7-2266315-7 OCEAN_2.0_SPARE_PART_KIT-140F220F
--	---	--	--

Customers Also Bought

 TE Part #AEC16-40SC DEUTSCH DRC Housings	 TE Part #647402-4 04P SL156 HSG W/RMP&TABS,OVSZ	 TE Part #60017-3 RIGHT ANGLE SHUR PLUG REC 20-16 0.41 BR	 TE Part #3-1534904-2 CONNECTOR HSG 94 POS.
 TE Part #60389-2 ST .138 DIA TERMINAL 20-16 AWG TPBR	 TE Part #1544316-3 BOUCHON BLANC	 TE Part #7G7920-6 SEAL PLUG, SIZE 4, BLU	 TE Part #0515-001-4005 PROTECT CVR, 40P, PLG, WHT, DRC16

Documents

Product Drawings
RING CRIMP 18-14 AWG TPBR
English



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_61863-2_L_c-61863-2-l.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_61863-2_L_c-61863-2-l.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_61863-2_L_c-61863-2-l.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_61863-2_09152017627_dmtec

English

MD_61863-2_09152017627_dmtec

English

Agency Approvals

UL Report

English