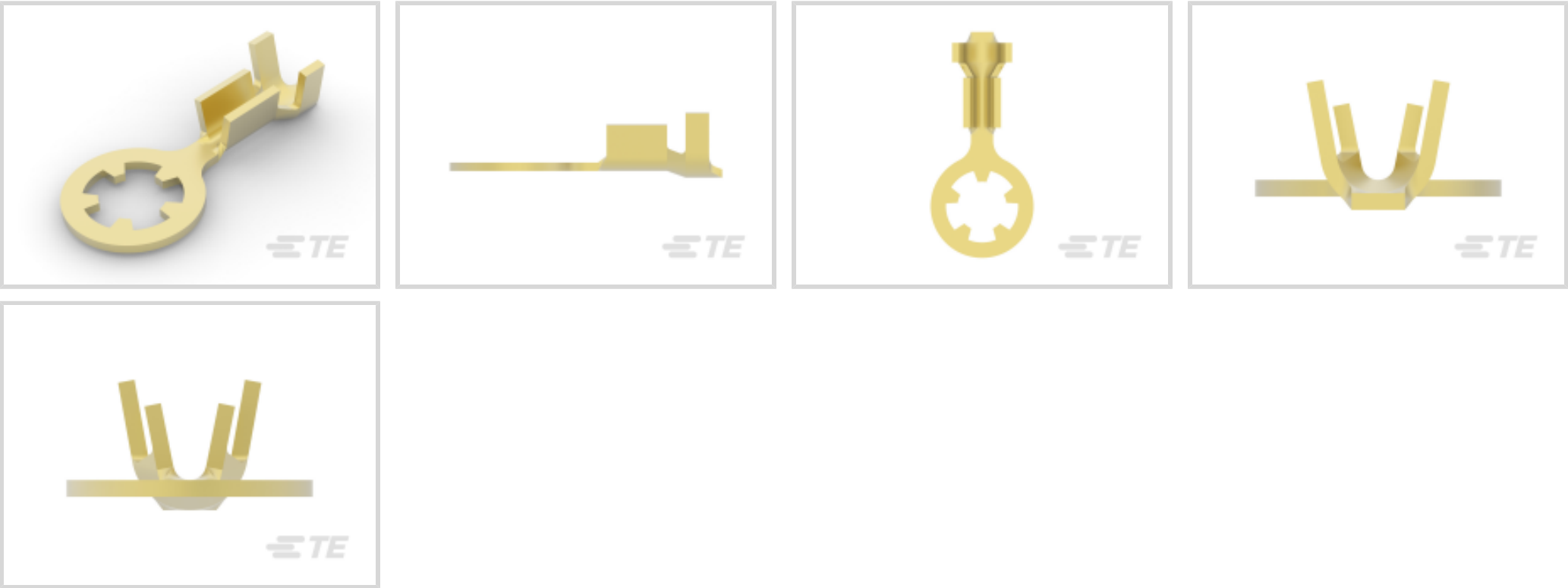




Terminals & Splices > Ring Terminals & Spade Terminals



Terminal & Splice Type: **Ring Tongue**

Wire Size: **642 – 2582 CMA**

Ring & Spade Stud Size: **#8, M4**

Features

Product Type Features

Shape Description	Anti-Rotational/Grounding
Ring & Spade Stud Size	#8, M4
Ring & Spade Barrel Type	Open 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

Ring & Spade Plating Material	Unplated
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Contact Features

Contact Base Material	Brass
Terminal & Splice Type	Ring Tongue
Ring & Spade Terminal Orientation	Straight



Underplating Material	None
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

	.1 in
Wire Size	642 – 2582 CMA
Stud Diameter	4.5 mm[.177 in]
Tongue Thickness	1.02 mm[.04 in]
Ring & Spade Overall Length	19.56 mm[.77 in]
Barrel Inside Diameter	1.27 mm, 3.17 mm[.05 in][.125 in]
Ring & Spade Wire Insulation Diameter (Max)	3.56 mm[.14 in]
Ring & Spade Wire Insulation Diameter	2.54 – 3.56 mm[.1 – .14 in]

Usage Conditions

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

Operation/Application

Heavy Duty	No
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Industry Standards

Government Qualified	No
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Packaging Features

Packaging Quantity	7000
Ring & Spade 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: 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 # 350509-1
RING 22-16 AWG BR



TE Part # 2150363-2
OCEAN_2.0_Applicator-E-100F180FA



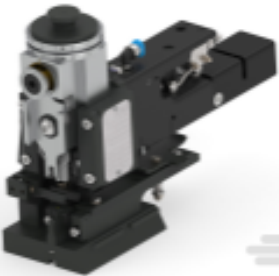
TE Part # 40797
RING #8 CABLE 1/4 .040BR



TE Part # 2-2150363-1
OCEAN_2.0_Applicator-E-100F180F



TE Part # 2-2150363-2
OCEAN_2.0_Applicator-E-100F180FA



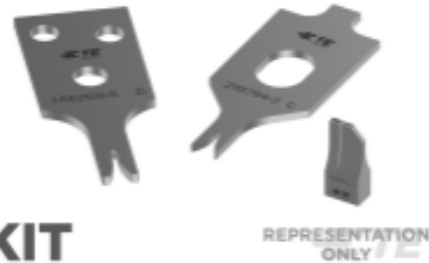
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TE Part # 7-2150363-1
OCEAN_2.0_Applicator-E-100F180F



TE Part # 7-2150363-2
OCEAN_2.0_Applicator-E-100F180FA

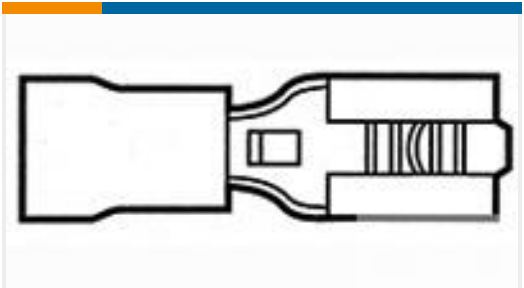
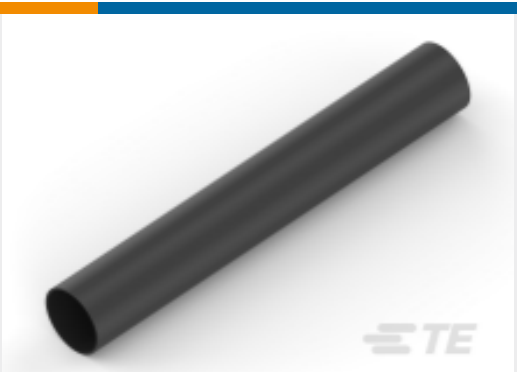
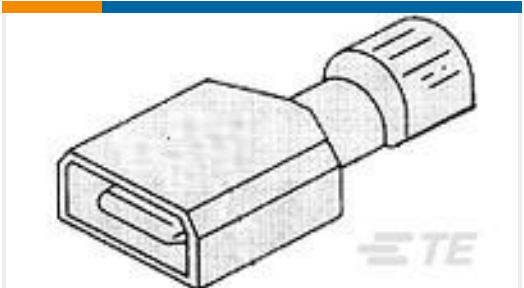


KIT
REPRESENTATION ONLY

TE Part # 7-2150363-7
OCEAN_2.0_SPARE_PART_KIT-100F180F

Customers Also Bought



 TE Part #1-647402-0 3.96mm Wire-to-board housing: receptacle, with mating alignment, SL 156	 TE Part #184235-2 RECEPT,PIDG FASTON 16-14 187	 TE Part #2-33722-1 TERMINAL,DG R 16-14HD 10	 TE Part #CZ8201-000 SCL Dual Wall Piece Heat Shrink Tubing
 TE Part #2-520193-2 ULTRA-FAST 187 ASY REC 22-18 TPBR	 TE Part #2-520102-2 ULTRA-FAST 250 ASSEMBLY TAB 22- 18 AWG BR	 TE Part #2-520183-2 ULTRA-FAST 250 ASY REC 22-18 TPBR	 TE Part #2-520128-2 ULTRA-FAST 250 ASY REC 22-18 AWG TPBR
 TE Part #175778-7 AMP COMMON TERMINATION HOUSINGS	 TE Part #1214-202-0978 R SNAP		

Documents

Product Drawings
RING 22-16 AWG BR

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_61436-1_P_c-61436-1-p.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_61436-1_P_c-61436-1-p.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_61436-1_P_c-61436-1-p.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

TE Material Declaration

English

Agency Approvals

UL Report

English