880643-2 ✔ ACTIVE

TE Internal #: 880643-2

Closed Ring Tongue Terminal, 17 – 13 AWG, #10 Stud, 5.3 mm [.209 in] Stud Diameter, Open Barrel, Straight, Tin Plating, Uninsulated

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Terminals & Splices > Ring Terminals







Ring Terminal Product Type: **Closed Ring Tongue Terminal**

Wire Size: **2048 – 5178 CMA**

Stud Size: **#10**

Features

Product Type Features

Shape Description	RING-028
Terminal Features	Sheared
Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#10
Sealable	No
Compatible With Discrete Wire Type	Stranded
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Number of Holes	2

Body Features

Product Weight	.633 g

Contact Features

Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Tin

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Wire Size	2048 – 5178 CMA
Stud Diameter	5.3 mm[.209 in]
Tongue Thickness	.6 mm[.024 in]
Product Length	19.8 mm[.779 in]
Barrel Inside Diameter	1.82 mm, 3.32 mm[.071 in][.13 in]
Compatible Insulation Diameter (Max)	3.99 mm[.157 in]
Compatible Insulation Diameter Range	2.7 – 4 mm[.106 – .157 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Compatible With Wire Base Material	Copper

Industry Standards

Government Qualified Terminal	No

Packaging Features

Packaging Quantity	5000
Packaging Method	Tape & 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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

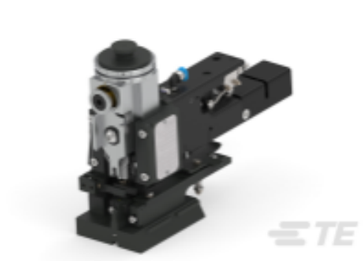
Product Compliance Disclaimer

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



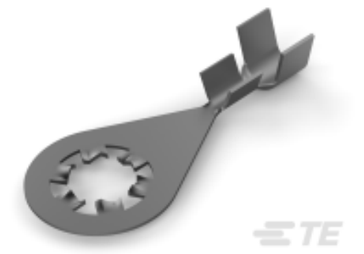
TE Part # 444026-1
RING TONGUE ANTI ROTATIONAL 1-5 MM2 BR



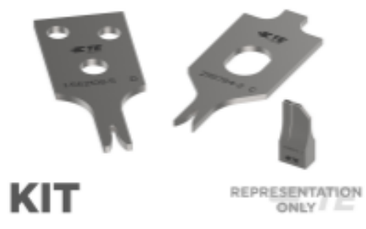
TE Part # 2150568-1
OCEAN_2.0_APPLICATOR-E-130F180F-REM



TE Part # 2150568-2
OCEAN_2.0_APPLICATOR-E-130F180F-REA



TE Part # 444026-2
RT ANTI ROTATIONAL 1-5 MM2 ELECTRO TPBR



TE Part # 7-2150568-7
OCEAN_2.0_SPARE_PART_KIT-130F180F

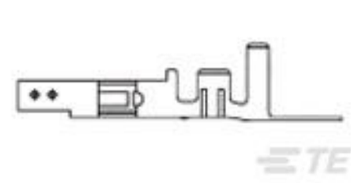
Customers Also Bought



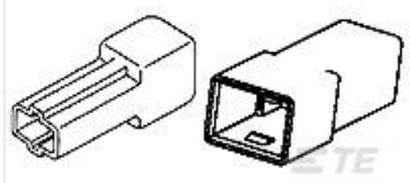
TE Part #154719-1
250 HSG. PL MKI REC. NAT



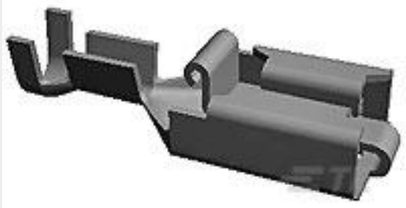
TE Part #735222-2
FF 250 REC 1.0-2.5 MM2 0.32X 19.30 BR



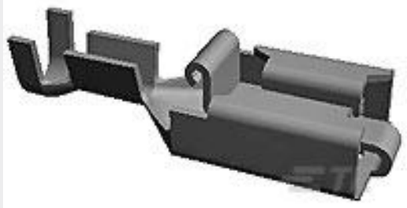
TE Part #794956-1
VAL-U-LOK SKT BR SN 22-18AWG



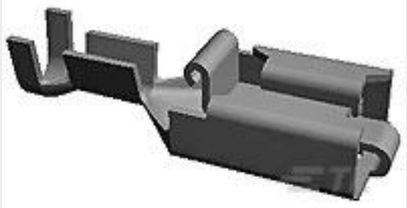
TE Part #880309-1
1 WAY FF 250 HOUSING TAB NYLON 6.6 NAT



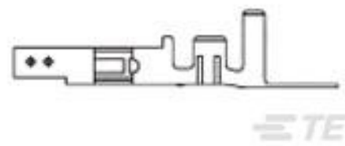
TE Part #880645-6
PL REC 1.0-2.5MM2 0.40 X 52.32 PTPBR



TE Part #880646-1
PL REC 0.5-1.0MM2 0.40 X 52.32 BR



TE Part #880646-5
PL REC 0.5-1.0 MM2 0.40 X 52.32 PTPBR



TE Part #1586055-1
VAL-U-LOK SKT BR SN 16AWG



TE Part #2234800-1
RBK-X1 STD

TE Part #2389761-5
RBK-ILS-MK2-EL-COVER-ASSY

Documents

Product Drawings

RING TONGUE 1.0-2.5 MM2 0.61X14.60 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_880643-2_A_c-880643-2-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_880643-2_A_c-880643-2-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_880643-2_A_c-880643-2-a.3d_stp.zip

English

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Product Specifications

EB**General Application Specification for Open Barrel Terminals

English

Application Specification

English