880642-2 ✔ ACTIVE

TE Internal #: 880642-2

Closed Ring Tongue Terminal, 17 – 13 AWG, #8 / M4 Stud, 4.3 mm [.169 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: **#8, M4**

Features

Product Type Features

Shape Description	RING-001
Terminal Features	Sheared
Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#8, M4
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	.678 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	4.3 mm[.169 in]
Tongue Thickness	.6 mm[.023 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	有害物质含量符合标准要求 No Restricted Substance(s) 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

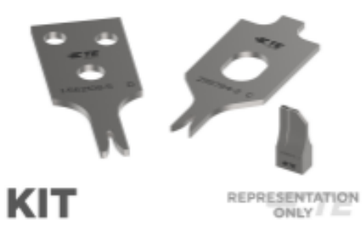
Solder Process Capability

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

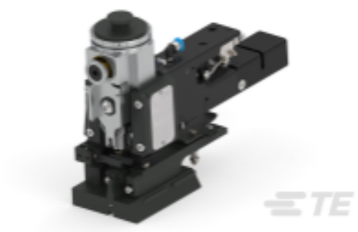
Compatible Parts



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



TE Part # 444155-2
RING TONGUE 1-5 MM2 0.6 ELECTRO TPBR



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



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

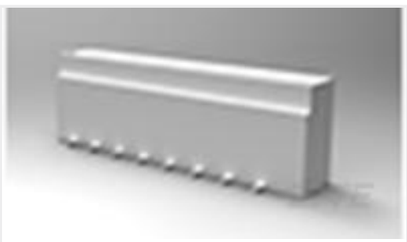
Customers Also Bought



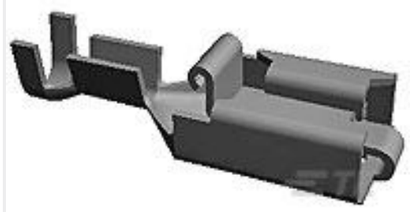
TE Part #MAB8UMI16-5
MOUNT,BMM,3/8,58U,MUHFM



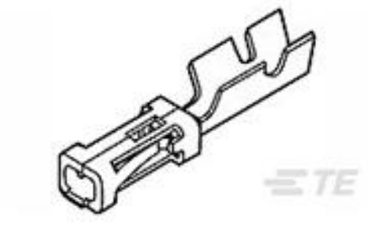
TE Part #60-0272-011-P00
CONTACT SOCKET 2 MM



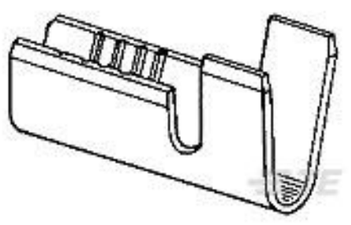
TE Part #2-84982-8
1MM FFC SMT V ASSY 28P EMBOSS



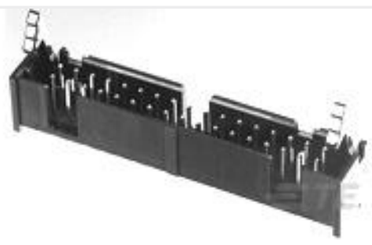
TE Part #154717-7
PL 250 REC TERMINAL 13-11 AWG PTPPB



TE Part #167300-8
MOD-4 REC.CONTACT



TE Part #737060-2
AMPLIVAR SPL 5 SERR W/INS SUP



TE Part #2-1761608-1
IDC LOW PRO HDR 6P VERT SHT LA



TE Part #3-2176056-5
RLP73K 2B R27 5% 5K RL

TE Part #1SNA094305R2400
CPFT2/5



TE Part #2176110-1
3W SM M/OX 5% 12K STEEL LEADS

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_880642-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_880642-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_880642-2_A.3d_stp.zip

English

Customer View Model

ENG_CVM_880642-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_880642-2_B.3d_stp.zip

English

Customer View Model

ENG_CVM_880642-2_B.2d_dxf.zip

English

3D PDF

English

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Product Specifications

Product Specification

English

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Product Specification

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