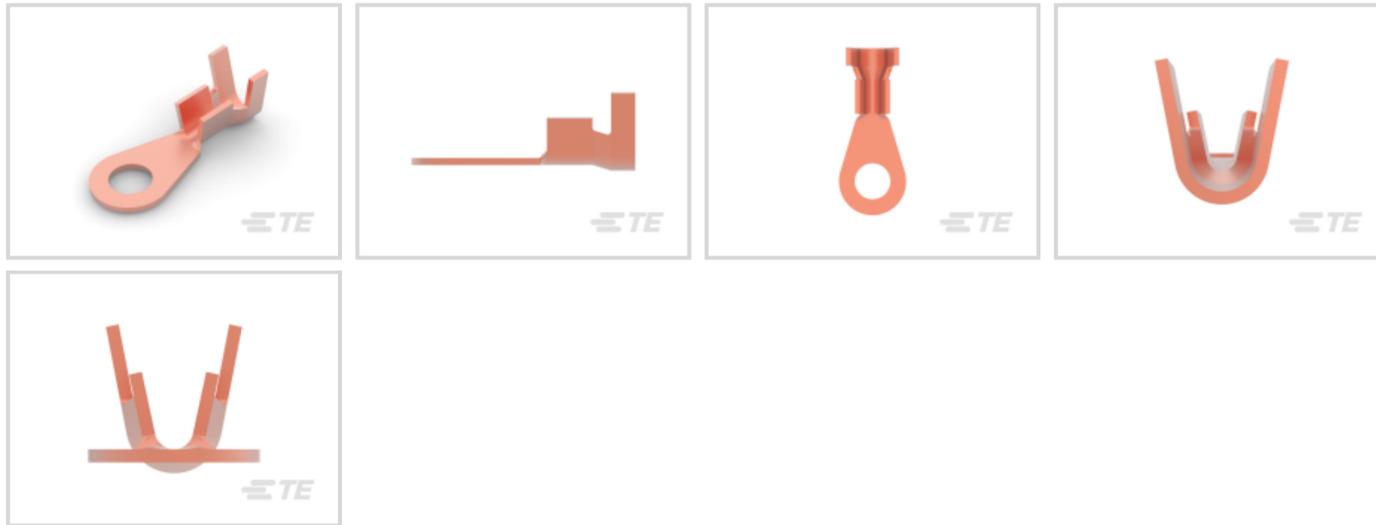# 880642-3 ✔ ACTIVE

TE Internal #: 880642-3

Closed Ring Tongue Terminal, 17 – 13 AWG, #8 / M4 Stud, 4.3 mm [.169 in] Stud Diameter, Open Barrel, Straight, Unplated Plating, Uninsulated

View on TE.com >

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

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

Contact Features

Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Unplated

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]

880642-3

Closed Ring Tongue Terminal, 17 – 13 AWG, #8 / M4 Stud, 4.3 mm [.169 in] Stud
Diameter, Open Barrel, Straight, Unplated Plating, Uninsulated

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 | 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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

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requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts

TE Part # 626085-1
RING TONGUE

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

TE Part # 444025-1
RING TONGUE ANTITOR

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 #CAT-D48-ST273
DEUTSCH Solid Contacts
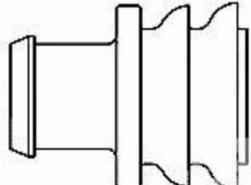
TE Part #DT06-2S
PLG, 2P, GRY, N

TE Part #DT04-2P
REC, 2P, GRY, N

TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT

TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

TE Part #281934-2
SINGLE WIRE SEAL

TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

Product Drawings
RING TONGUE

English

880642-3

Closed Ring Tongue Terminal, 17 – 13 AWG, #8 / M4 Stud, 4.3 mm [.169 in] Stud
Diameter, Open Barrel, Straight, Unplated Plating, Uninsulated

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_880642-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_880642-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_880642-3_A.3d_stp.zip

English

Customer View Model

ENG_CVM_880642-3_B.3d_igs.zip

English

Customer View Model

ENG_CVM_880642-3_B.3d_stp.zip

English

Customer View Model

ENG_CVM_880642-3_B.2d_dxf.zip

English

3D PDF

English

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Product Specifications

Product Specification

English

Product Specification

English

Product Specification

English