41581 ✔ ACTIVE

TE Internal #: 41581

Closed Ring Tongue Terminal, 24 – 20 AWG, #8 / M4 Stud, 4.34 mm [.171 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: **404 – 1021 CMA**

Stud Size: **#8, M4**

Features

Product Type Features

Shape Description	Circular/Oval
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	1

Body Features

Product Weight	.578 g

Contact Features

Contact Base Material	Brass
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	404 – 1021 CMA
Stud Diameter	4.34 mm[.171 in]
Tongue Thickness	.51 mm[.02 in]
Product Length	16 mm[.63 in]
Barrel Inside Diameter	.89 mm, 2.54 mm[.035 in][.1 in]
Compatible Insulation Diameter (Max)	2.54 mm[.1 in]
Compatible Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 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	15000
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 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

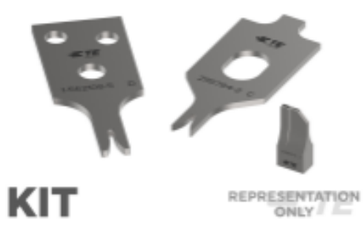
Compatible Parts



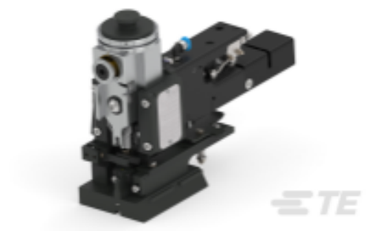
TE Part # 61238-1
SPADE CRIMP 24-20 AWG TPBR



TE Part # 2150283-2
OCEAN_2.0_Applicator-E-080F130F-REA



TE Part # 7-2150283-7
OCEAN_2.0_SPARE_PART_KIT-080F130F



TE Part # 2150283-1
OCEAN_2.0_Applicator-E-080F130F-REM

Customers Also Bought



TE Part #DT04-4P-C017
REC, 4P, GRY, BLOCKED



TE Part #0528-012-7005
BKSHL, 70P, BLK, PLG, RA, NO RIB, NW 26



TE Part #CAT-D799-CH8172
DEUTSCH DRC Housings



TE Part #CV25852001
RW-175-E-3/8-X-STK



TE Part #7-1676481-8
CPF 0603 12K 0.1% 25PPM 1K RL



TE Part #3-2176156-3
TLM 1206 0.5W R062 1% 50PPM 5K RL

TE Part #0515-031-7005
WIRE ROUTER, 70P, BLK, PLG

TE Part #964280-6
JPT A REC 2.8 Contact SRC Ag

Documents

Product Drawings

RT .171 DIA TERMINAL 24-20 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_41581_AA_c-41581-aa.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_41581_AA_c-41581-aa.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_41581_AA_c-41581-aa.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Engineering Report

English

Agency Approvals

UL Report

English