42164-2 ✔ ACTIVE

TE Internal #: 42164-2

Closed Ring Tongue Terminal, 24 – 20 AWG, #10 Stud, 4.82 mm [.19 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: **#10**

Features

Product Type Features

Shape Description	Circular/Oval
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	1

Body Features

Product Weight	.41 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

	.048 in
Wire Size	404 – 1021 CMA
Stud Diameter	4.82 mm[.19 in]
Tongue Thickness	.51 mm[.02 in]
Product Length	19.56 mm[.77 in]
Barrel Inside Diameter	1.01 mm, 1.77 mm[.04 in][.07 in]
Compatible Insulation Diameter (Max)	1.98 mm[.078 in]
Compatible Insulation Diameter Range	1.22 – 1.98 mm[.048 – .078 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	20000
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

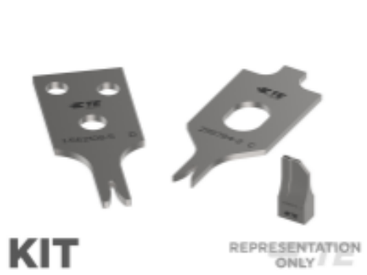
Product Compliance Disclaimer

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

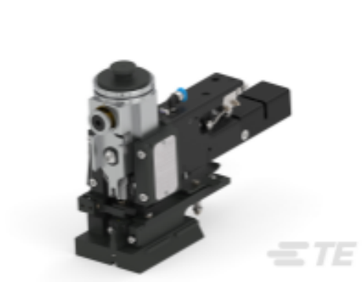
Compatible Parts



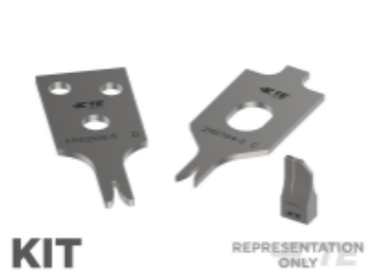
TE Part # 2150738-2
OCEAN_2.0_Applicator-E-080F100F-REA



TE Part # 7-2150343-7
OCEAN_2.0_SPARE_PART_KIT-080F090O



TE Part # 2150343-1
OCEAN_2.0_Applicator-E-080F090O-REM



TE Part # 7-2150738-7
OCEAN_2.0_SPARE_PART_KIT-080F100F



TE Part # 2150738-1
OCEAN_2.0_Applicator-E-080F100F-REM



TE Part # 62638-1
RING TONGUE 22-20 AWG TPBR



TE Part # 2150343-2
OCEAN_2.0_Applicator-E-080F090O-REA



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

Customers Also Bought



TE Part #D24019-000
WP-254097-10-9



TE Part #464771-E
SRCROL A 2,54 2 C1820 10TS 137 * 9999 J



TE Part #F07599-000
MP-508254-5-8A



TE Part #474034-E
DRCBUG B 2,54 10 * CSI 112 E012 ADV J 2



TE Part #464762-E
SRCROL A 2,54 2 C2022 10TS 137 * 9999 J



TE Part #63130-3
SPLICE REC. 1500-5000 .020 TPBR



TE Part #1-640457-4
14P MTA100 HDR ASSY SQ R/A F/L



TE Part #4-1879233-5
SMW5 6R8 5%



TE Part #5520426-4
MJ,R/A,8P



TE Part #5555167-1
MJ,LPF,R/A,8P/8C,KEYED,BULK P

Documents

Product Drawings

RING TERMINAL 24-20 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_42164-2_Y_c-42164-2-y.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_42164-2_Y_c-42164-2-y.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_42164-2_Y_c-42164-2-y.3d_stp.zip

English

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Product Specifications

Engineering Report

English

Agency Approvals

UL Report

English