160018-2 ✓ ACTIVE

TE Internal #: 160018-2

Closed Ring Tongue Terminal, 20 – 16 AWG, #8 / M4 Stud, 4.2 mm [.165 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: 1021 – 2582 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	.808 g

Contact Features

Contact Base Material	Brass
Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Tin
Contact Underplating Material	None

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Mechanical Attachment

Wire Insulation Support	With

Dimensions

	.07 in
Wire Size	1021 – 2582 CMA
Stud Diameter	4.2 mm[.165 in]
Tongue Thickness	.76 mm[.03 in]
Product Length	12.45 mm[.49 in]
Barrel Inside Diameter	1.9 mm, 2.15 mm[.075 in][.085 in]
Compatible Insulation Diameter (Max)	2.29 mm[.09 in]
Compatible Insulation Diameter Range	1.8 – 2.3 mm[.07 – .09 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

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	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 # 4150044-1

OCEAN_2.0_APPLICATOR-E-120F120O-REM

TE Part # 160548-2

RING TONGUE 22-20 AWG .0120 X .290 PTPBR

TE Part # 7-4150044-7

OCEAN_2.0_SPARE_PART_KIT-120F120O

TE Part # 4150044-2

OCEAN_2.0_APPLICATOR-E-120F120O-REA

Customers Also Bought

TE Part #DT06-12SA-CE11

PLG, 12P, BLK, E, SEAL RET,ENH KEY, CAP,A

TE Part #1SNA399730R1700

D1.5/6.ADO.NF

TE Part #474329-E

M12 MALE, UNI CODE, 4P, 10.5MM SMT, DI

TE Part #42007

RING 190(4.82MM) TERMINAL 18-14 AWG TPBR

TE Part #5-160558-2

FF 250 REC 0.5-1.5MM2 TPBR

TE Part #215297-6

6P HV100 REC CON. TE, 7.0MM

TE Part #7-1393239-5

RT31L024

TE Part #2029151-4

4P R/A HDR VAL-U-LOK V0 W/P

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TE Part #6364372-2
Std USB Type A, R/A, T/H, Natural

TE Part #5-1393788-7
V23079D1003B301

Documents

Product Drawings

RING TONGUE 176 20-16 AWG 0.251 NIBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_160018-2_T.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_160018-2_T.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_160018-2_T.3d_stp.zip

English

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Product Specifications

Application Specification

English

Application Specification

English