

140523 ✓ ACTIVE

TE Internal #: 140523

Ring Terminals & Spade Terminals, Ring Tongue, 20 – 16 AWG

Wire Size, .5 – 1 mm² Wire Size, 1022 – 2583 CMA Wire Size, Stud Size #8 / M4

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Terminals & Splices > Ring Terminals & Spade Terminals



Ring & Spade Terminal Type: **Ring Tongue**

Wire Size: **1022 – 2583 CMA**

Stud Size: **#8, M4**

Features

Product Type Features

Shape Description	Circular/Oval
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
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Body Features

Product Weight	.67 g
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Contact Features

Contact Base Material	Brass
Ring & Spade Terminal Type	Ring Tongue
Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Unplated
Contact Underplating Material	None



Mechanical Attachment

Wire Insulation Support	With
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Dimensions

	.098 in
Wire Size	1022 – 2583 CMA
Stud Diameter	4.34 mm[.171 in]
Tongue Thickness	.76 mm[.03 in]
Product Length	19.81 mm[.78 in]
Barrel Inside Diameter	1.65 mm, 2.79 mm[.065 in][.11 in]
Compatible Insulation Diameter (Max)	3.61 mm[.142 in]
Compatible Insulation Diameter Range	2.5 – 3.6 mm[.098 – .142 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Industry Standards

Government Qualified Terminal	No
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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: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 2150470-1
OCEAN_2.0_Applicator-E-130F180F



TE Part # 2150470-2
OCEAN_2.0_Applicator-E-130F180F



KIT
REPRESENTATION ONLY

TE Part # 7-2150470-7
OCEAN_2.0_SPARE_PART_KIT-130F180F



TE Part # 1855639-1
HDM/FA EAPR.130F.180F BENCH G /LM CUT



TE Part # 1855639-2
HDM EAPR130F180F K

Customers Also Bought



TE Part #5-2232265-2
PTL 1X2 PLUG HSG GLW WIRE KEY A DGR



TE Part #353908-4
CT REC HSG 4P CRIMP TYPE WHITE



TE Part #353907-1
CT 1.5MM REC CONT CRIMP TYPE



TE Part #926882-3
UNIV.M-N-L.SOCKET



TE Part #1-1747414-2
DYNAMIC 4200S TAB HSG 2P F/H X



TE Part #189727-1
EXTRACTION TOOL



TE Part #140546
RING TONGUE 18-14 .236X.390
ELCTRO TPBR



TE Part #6-2349952-4
HSG,REC,PANEL MOUNT,EP2.5,
Yellow, 4P



TE Part #NB09524001
ATUM-16/4-0-SP

Documents

Product Drawings

[RT .171 DIA TERMINAL 20-16 AWG BR](#)

CAD Files

Customer View Model

[ENG_CVM_CVM_140523_H.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_140523_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_140523_H.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

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English

Product Environmental Compliance

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[Agency Approvals](#)

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