

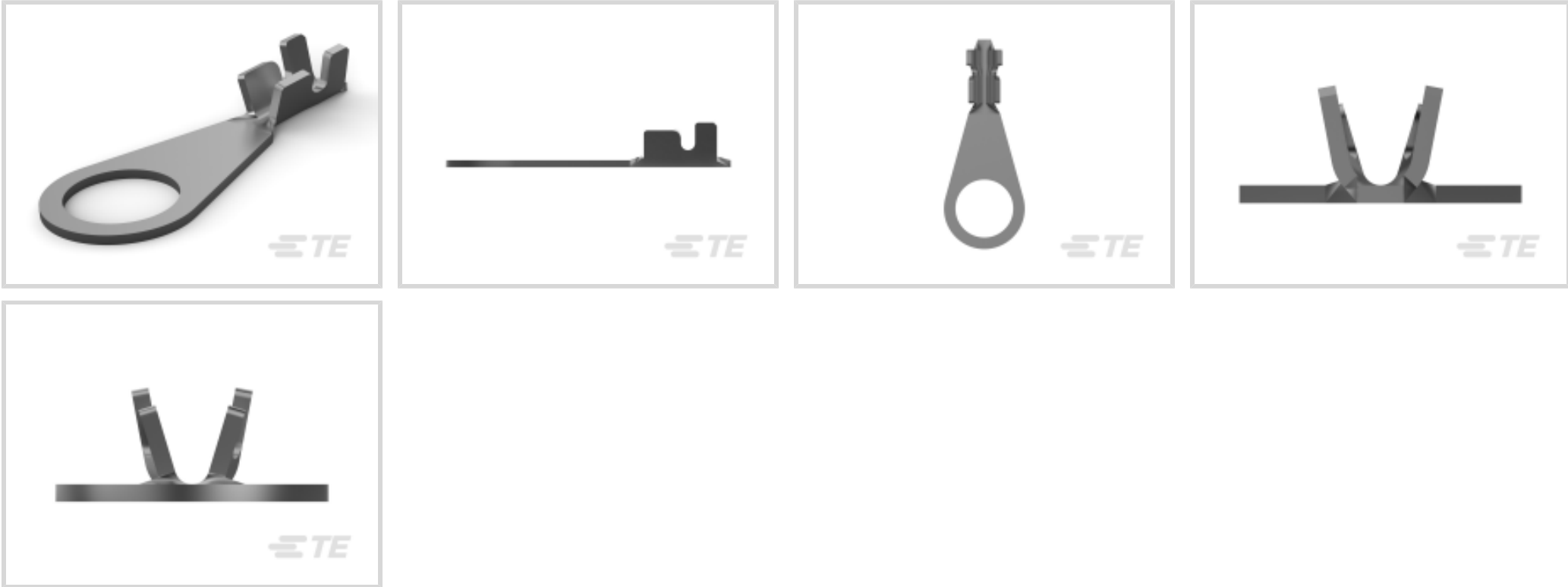


TE Internal #: 63721-1

Rings & Spades, Ring Tongue, 24 – 20 AWG, .2 – .6 mm², 404 – 1021 CMA, #12, Stud Diameter 5.66 mm [.222 in], Tongue Thickness .51 mm [.02 in]

[View on TE.com >](#)

Terminals & Splices > Rings & Spades



Terminal & Splice Type: **Ring Tongue**

Wire Size: **404 – 1021 CMA**

Stud Size: **#12**

Features

Product Type Features

Shape Description	Circular/Oval
Stud Size	#12
Barrel Type	Open Barrel
Sealable	No
Insulated	No
Wire/Cable Type	Regular Wire
Support Style	Insulation Support

Configuration Features

Number of Holes	1
Terminal Angle	Straight

Body Features

Plating Material	Tin
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Contact Features

Contact Base Material	Brass
Terminal & Splice Type	Ring Tongue
Terminal Orientation	Straight



Underplating Material	Nickel
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

	.048 in
Wire Size	404 – 1021 CMA
Stud Diameter	5.66 mm[.222 in]
Tongue Thickness	.51 mm[.02 in]
Overall Length	19.56 mm[.77 in]
Barrel Inside Diameter	1.01 mm, 1.77 mm[.04 in][.07 in]
Wire Insulation Diameter (Max)	1.9812 mm[.078 in]
Wire Insulation Diameter	1.22 – 1.98 mm[.048 – .078 in]

Usage Conditions

Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]
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Operation/Application

Heavy Duty	No
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Industry Standards

Government Qualified	No
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Packaging Features

Packaging Quantity	6000
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 2020 (205) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205)

	Candidate List Declared Against: JAN 2020 (205)
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



KIT

REPRESENTATION ONLY

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



TE Model / Part # 2-2150343-1
OCEAN-2.0-APPLICATOR-E-080F090O



TE Model / Part # 2-2150343-2
OCEAN-2.0-APPLICATOR-E-080F090OA



TE Model / Part # 2-2150738-1
OCEAN-2.0-APPLICATOR-E-080F100F



TE Model / Part # 2-2150738-2
OCEAN-2.0-APPLICATOR-E-080F100FA



TE Model / Part # 2150343-1
OCEAN-2.0-APPLICATOR-E-080F090O



TE Model / Part # 2150343-2
OCEAN-2.0-APPLICATOR-E-080F090OA



TE Model / Part # 2150738-1
OCEAN-2.0-APPLICATOR-E-080F100F





TE Model / Part # 2150738-2
[OCEAN-2.0-APPLICATOR-E-080F100FA](#)



KIT
TE Model / Part # 7-2150738-7
[OCEAN_2.0_SPARE_PART_KIT-080F100F](#)

Customers Also Bought



TE Model / Part #7-2151494-7
[OCEAN_2.0_SPARE_PART_KIT-055F055F](#)



TE Model / Part #7-2151268-7
[OCEAN_2.0_SPARE_PART_KIT-062F155O](#)



TE Model / Part #8-904741-0
[CRIMPER, INSULATION "O"\(.072\)](#)



TE Model / Part #1-967067-1
[MQS SGL WIRE SEAL](#)



TE Model / Part #2151268-1
[OCEAN_2.0_APPLICATOR-S-062F155O](#)

Documents

Product Drawings

[RING 24-20 AWG TPBR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_63721-1_C_c-63721-1-c.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_63721-1_C_c-63721-1-c.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_63721-1_C_c-63721-1-c.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English