

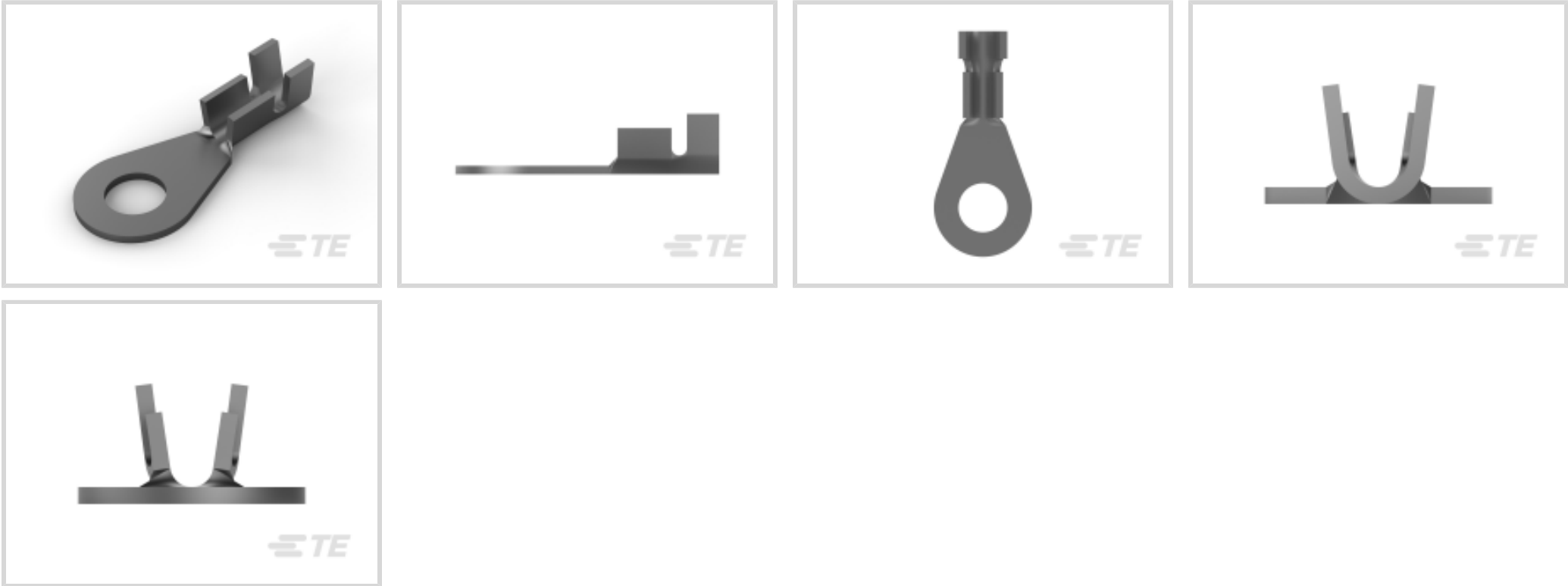


TE Internal #: 160101-2

Rings & Spades, Ring Tongue, 20 – 16 AWG, .5 – 1.5 mm², 1021 – 2582 CMA, M4 / #8, Stud Diameter 4.3 mm [.169 in], Tongue Thickness .76 mm [.03 in]

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Terminals & Splices > Rings & Spades



Terminal & Splice Type: **Ring Tongue**

Wire Size: **1021 – 2582 CMA**

Stud Size: **#8, M4**

Features

Product Type Features

Shape Description	Circular/Oval
Stud Size	#8, M4
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

Inspection Slot	No
Weight per Piece	.626 g
Plating Material	Tin

Contact Features

Contact Base Material	Brass
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Terminal & Splice Type	Ring Tongue
Terminal Orientation	Straight
Underplating Material	None

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

	.08 in
Wire Size	1021 – 2582 CMA
Stud Diameter	4.3 mm [.169 in]
Tongue Thickness	.76 mm [.03 in]
Overall Length	19.81 mm [.78 in]
Barrel Inside Diameter	1.65 mm, 2.28 mm [.065 in] [.09 in]
Wire Insulation Diameter (Max)	3.048 mm [.12 in]
Wire Insulation Diameter	2.032 – 3.042 mm [.08 – .12 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

Other

Comment	Splice Free
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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)
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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
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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

TE Model / Part # 2150304-1
OCEAN_2.0_APPLICATOR-E-110F140F

TE Model / Part # 7-2150304-7
OCEAN_2.0_SPARE_PART_KIT-110F140F

TE Model / Part # 2-2150304-1
OCEAN_2.0_APPLICATOR-E-110F140F

TE Model / Part # 2-2150304-2
OCEAN_2.0_APPLICATOR-E-110F140FA



TE Model / Part # 2150304-2
OCEAN_2.0_APPLICATOR-E-110F140FA

Customers Also Bought



TE Model / Part #160344-2
RING TONGUE 20-16 AWG .025 X .840



TE Model / Part #160467-2
RT IS 1.0-2.5MM2 0.315 X .708 TPBR



TE Model / Part #5-160433-6
FASTON 187 REC 0.5-1.5 MM2 0.32 TPBR



TE Model / Part #926887-3
UNIV.M-N-L.PIN



TE Model / Part #5-160430-7
FASTON 187 REC 0.5-1.5MM2 0.32 TPBR



TE Model / Part #160102-2
RING TONGUE WITH IS 20-16 0.0253 TPBR



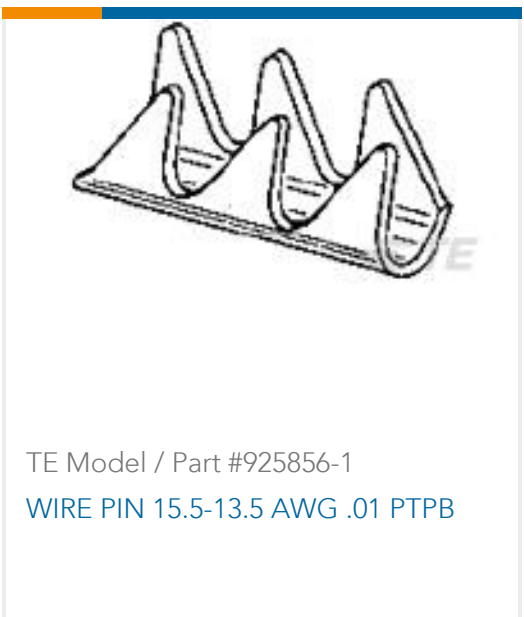
TE Model / Part #926882-3
UNIV.M-N-L.SOCKET



TE Model / Part #2-160256-2
FASTON 250 REC 1.0-2.5MM2 0.40X63.50TPBR



TE Model / Part #926884-3
UNIV.M-M-L.SOCKET



TE Model / Part #925856-1
WIRE PIN 15.5-13.5 AWG .01 PTPB

Documents

Product Drawings

RING TONGUE 20-16 AWG 0.0253 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_160101-2_Y.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_160101-2_Y.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_160101-2_Y.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Agency Approvals

[UL](#)

English