



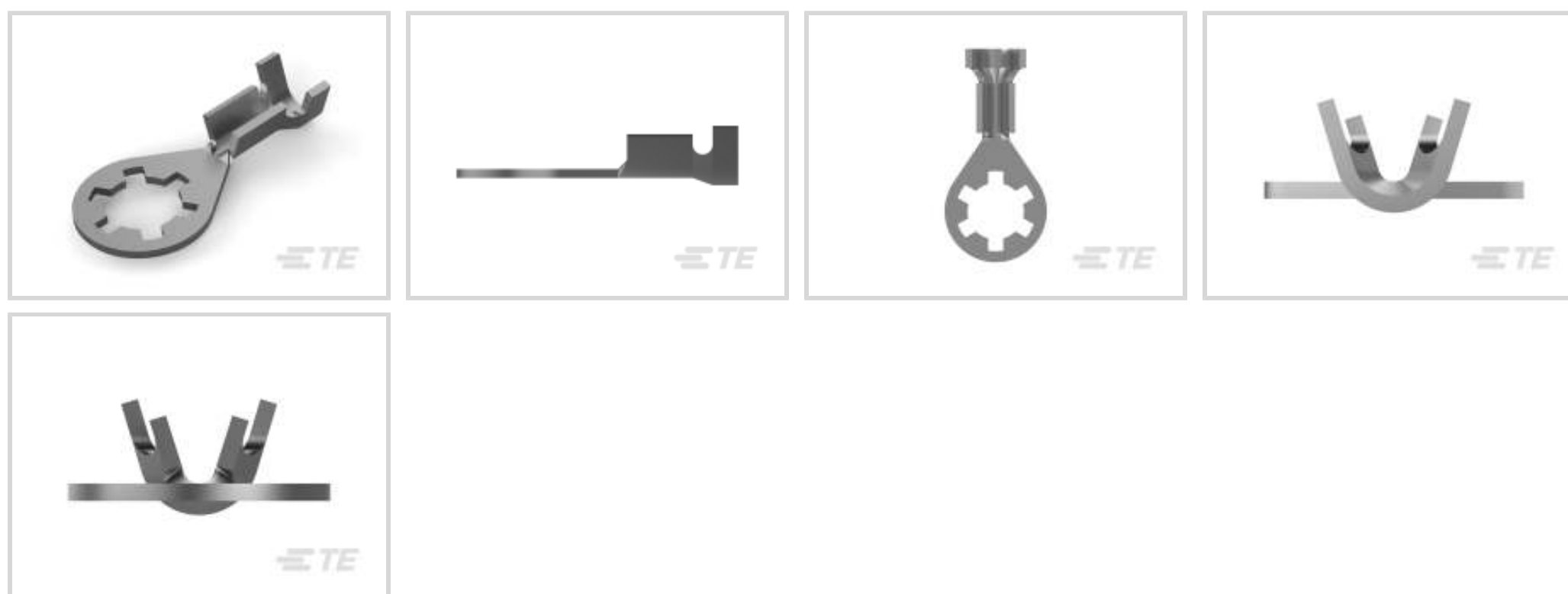
TE Internal #: 640271-3

Ring Terminals & Spade Terminals, Ring Tongue, 22 – 18 AWG

Wire Size, .3 – .8 mm² Wire Size, 640 – 1624 CMA Wire Size, Stud Size #10

[View on TE.com >](#)

Terminals & Splices > Ring Terminals & Spade Terminals



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

Wire Size: **640 – 1624 CMA**

Stud Size: **#10**

Features

Product Type Features

Terminal Features	Sheared
Shape Description	Anti-Rotational/Grounding
Stud Size	#10
Sealable	No
Compatible With Discrete Wire Type	Stranded
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Number of Holes	1
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Body Features

Product Weight	.619 g
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Contact Features

Contact Base Material	Steel
Ring & Spade Terminal Type	Ring Tongue
Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Tin



Contact Underplating Material	Nickel
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

	.08 in
Wire Size	640 – 1624 CMA
Stud Diameter	5 mm[.197 in]
Tongue Thickness	.76 mm[.03 in]
Product Length	19.56 mm[.77 in]
Barrel Inside Diameter	1.14 mm, 3.04 mm[.045 in][.12 in]
Compatible Insulation Diameter (Max)	3.05 mm[.12 in]
Compatible Insulation Diameter Range	2.03 – 3.05 mm[.08 – .12 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	7500
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

 <p>TE Part # 2-2150257-1 OCEAN_2.0_Applicator-E-100F180F</p>	 <p>TE Part # 2-2150257-2 OCEAN_2.0_Applicator-E-100F180F</p>	 <p>TE Part # 2150257-1 OCEAN_2.0_Applicator-E-100F180F</p>	 <p>TE Part # 2150257-2 OCEAN_2.0_Applicator-E-100F180F</p>
 <p>TE Part # 7-2150257-1 OCEAN_2.0_Applicator-E-100F180F</p>	 <p>TE Part # 7-2150257-2 OCEAN_2.0_Applicator-E-100F180F</p>	 <p>TE Part # 7-2150257-7 OCEAN_2.0_SPARE_PART_KIT-100F180F</p>	

Customers Also Bought

 <p>TE Part #3-644861-0 10P MTA100 SHRD HDR,W/O PEG SN</p>	 <p>TE Part #325703 AMPOWER Lug Crimp Terminal, 1 Stud Hole</p>	 <p>TE Part #1969443-6 EP 2.5 TPA Retainer, 6 Pos</p>	 <p>TE Part #2238197-3 250 FASTON,FLAG,REC.,18-12 AWG, TPBR</p>
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TE Part #1-206763-1
METRIMATE PIN HEADER ASSY,24P



TE Part #207121-8
METRIMATE PIN HEADER ASSY,36P



TE Part #2238155-1
POS LOCK 250 Rec, MKII, 18-14 TPBR



TE Part #2238196-3
FASTON 250 STD REC STR 18-14TPBR



TE Part #60650-1
250 FASTON FLAG REC 18-14 AWG
BR

Documents

Product Drawings

RING 22-18 AWG TPST

English

CAD Files

Customer View Model

[ENG_CVM_CVM_640271-3_T.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_640271-3_T.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_640271-3_T.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

[MD_640271-3_10032012250](#)

English

[MD_640271-3_10032012250](#)

English

640271-3

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Wire Size, 640 – 1624 CMA Wire Size, Stud Size #10

