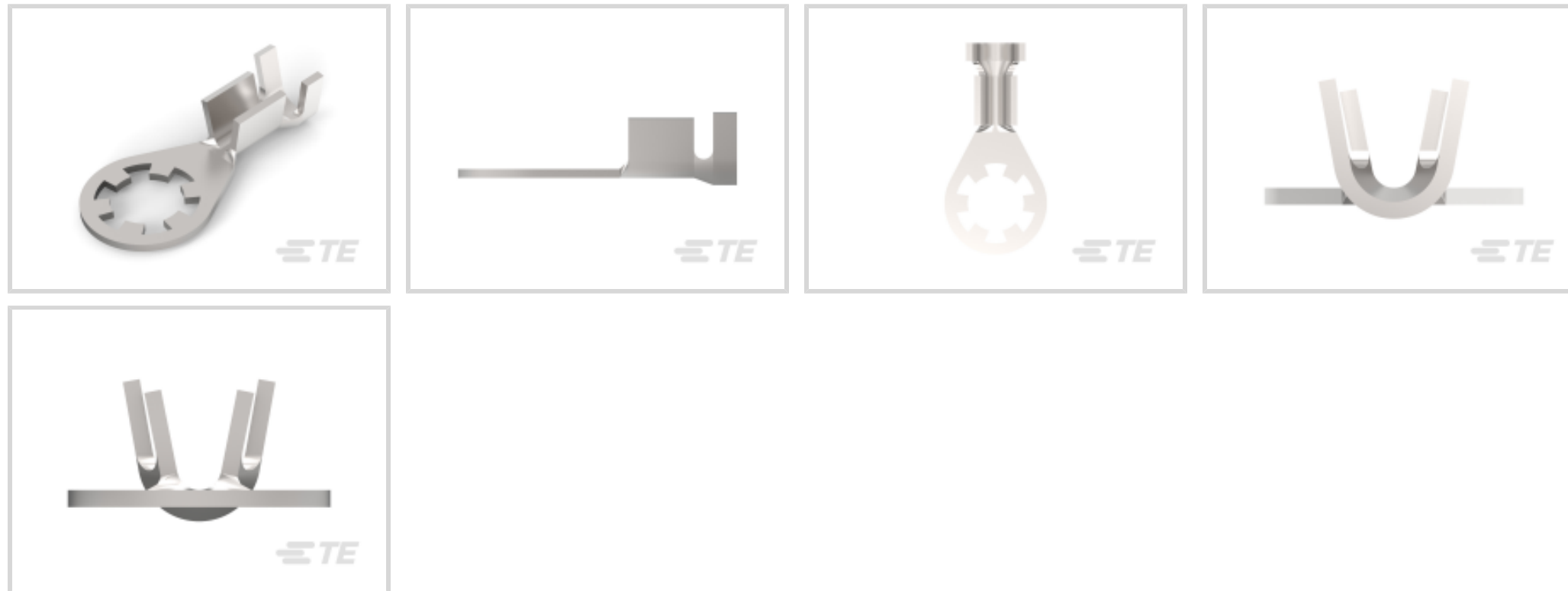




TE Internal #: 640052-1
 Closed Ring Tongue Terminal, 18 – 14 AWG, #10 Stud, 5.18 mm [.204 in] Stud Diameter, Open Barrel, Straight, Unplated Plating, Uninsulated

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Terminals & Splices > Ring Terminals



Ring Terminal Product Type: **Closed Ring Tongue Terminal**

Wire Size: **1624 – 4106 CMA**

Stud Size: **#10**

Features

Product Type Features

Shape Description	Anti-Rotational/Grounding
Terminal Features	Sheared
Ring Terminal Product Type	Closed Ring Tongue Terminal
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	.666 g
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Contact Features

Contact Base Material	Stainless Steel
Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Unplated



Contact Underplating Material	None
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

	.105 in
Wire Size	1624 – 4106 CMA
Stud Diameter	5.18 mm [.204 in]
Tongue Thickness	.61 mm [.024 in]
Product Length	21.08 mm [.83 in]
Barrel Inside Diameter	1.6 mm [.063 in]
Compatible Insulation Diameter (Max)	3.68 mm [.145 in]
Compatible Insulation Diameter Range	2.67 – 3.68 mm [.105 – .145 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	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 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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



KIT
REPRESENTATION ONLY

TE Part # 7-2150008-7
OCEAN_2.0_SPARE_PART_KIT-130F180F



TE Part # 2150008-1
OCEAN_2.0_Applicator-E-130F180F-REM



TE Part # 2150008-2
OCEAN_2.0_Applicator-E-130F180F-REA



TE Part # 350509-1
RING 22-16 AWG BR

Customers Also Bought



TE Part #63854-2
250 PL MKIII REC. 18-14AWG TPBR



TE Part #177905-1
POWER DBL LOCK PLUG HSG 12P



TE Part #34839
RING TERMINAL 18-14 AWG BR



TE Part #42660-2
250 FASTON REC 18-14 AWG TPBR



TE Part #794223-1
MINI UMNL2 SCKT 20-16AWG SN



TE Part #42111-3
RING TONGUE TERMINAL 18-14 AWG TPBR



TE Part #61177-2
250 FASTON FLAG REC 18-12 AWG TPBR



TE Part #62109-2
250 FASTON REC 18-14 AWG TPBR



Documents

Product Drawings

[RING 18-14 AWG SST](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_640052-1_W.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_640052-1_W.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_640052-1_W.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English