

640052-1 ✓ ACTIVE

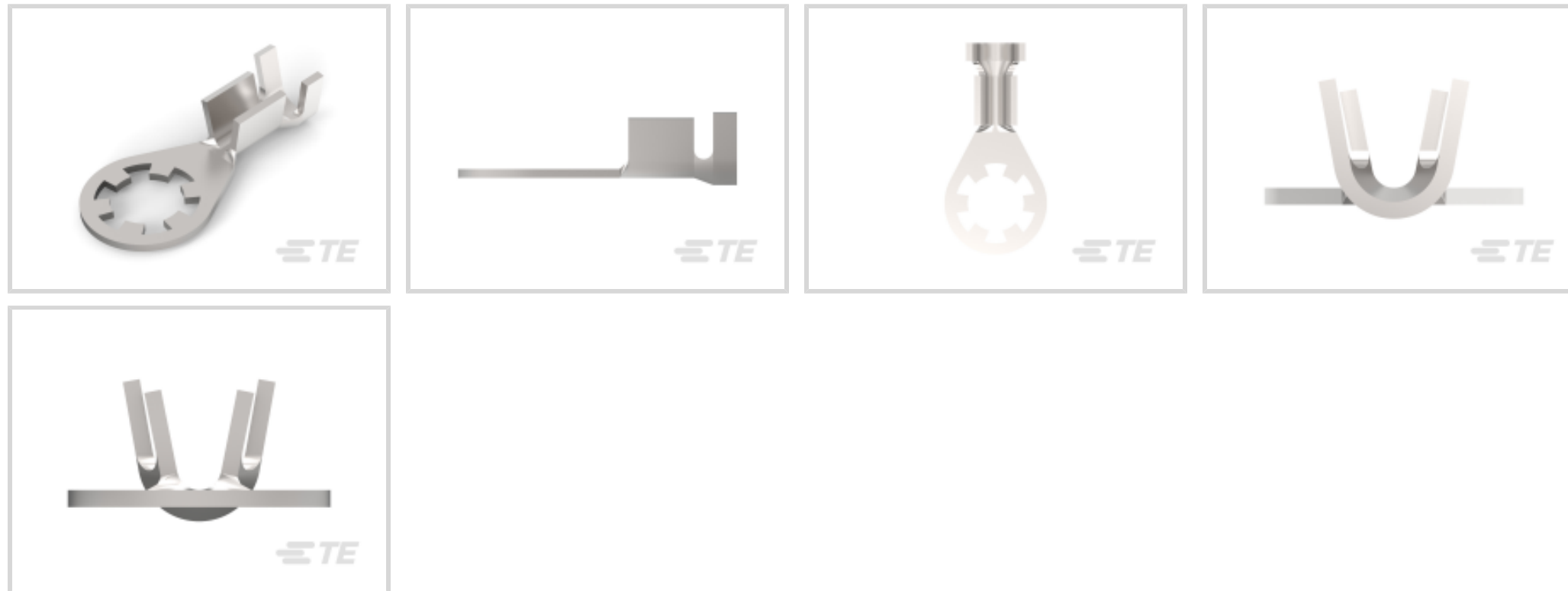
TE Internal #: 640052-1

Closed Ring Tongue Terminal, 18 – 14 AWG, #10 Stud Size, 5.18 mm [.204 in] Stud Diameter, Open Barrel, Straight, Unplated, 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

Terminal Features	Sheared
Shape Description	Anti-Rotational/Grounding
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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 350509-1
RING 22-16 AWG BR

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

KIT
REPRESENTATION ONLY

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

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

TE Part # 346100-4
Ring-Tongue A6-1, similar to DIN 46225

TE Part # 7-2150008-1
OCEAN_2.0_Applicator-E-130F180F

TE Part # 7-2150008-2
OCEAN_2.0_Applicator-E-130F180F

TE Part # 2-2150008-1
OCEAN_2.0_Applicator-E-130F180F

Customers Also Bought

TE Part #177920-1
POWER DBL LOCK PLATE 3.96MM 4POS

TE Part #2-520262-2
ULTRAFast 187 ASSY REC 22-18 TPBR LP

TE Part #40955
RING 20-16 AWG .0295 X .390 TPBR

TE Part #41333
RING 18-14 AWG TPBR



TE Part #170327-1
250 PL MKII REC. 22-18AWG PTBR



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



TE Part #794242-1
04P MINI UMNL2 CAP HSG UL94V2



TE Part #2151034-2
OCEAN_2.0_APPLICATION-S-1760



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



TE Part #2151030-1
OCEAN_2.0_APPLICATION-S-062F110F

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

Product Environmental Compliance

[MD_640052-1_01162018724_dmtec](#)

English

[MD_640052-1_01162018724_dmtec](#)

English

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