

42864-2 ✓ ACTIVE

TE Internal #: 42864-2

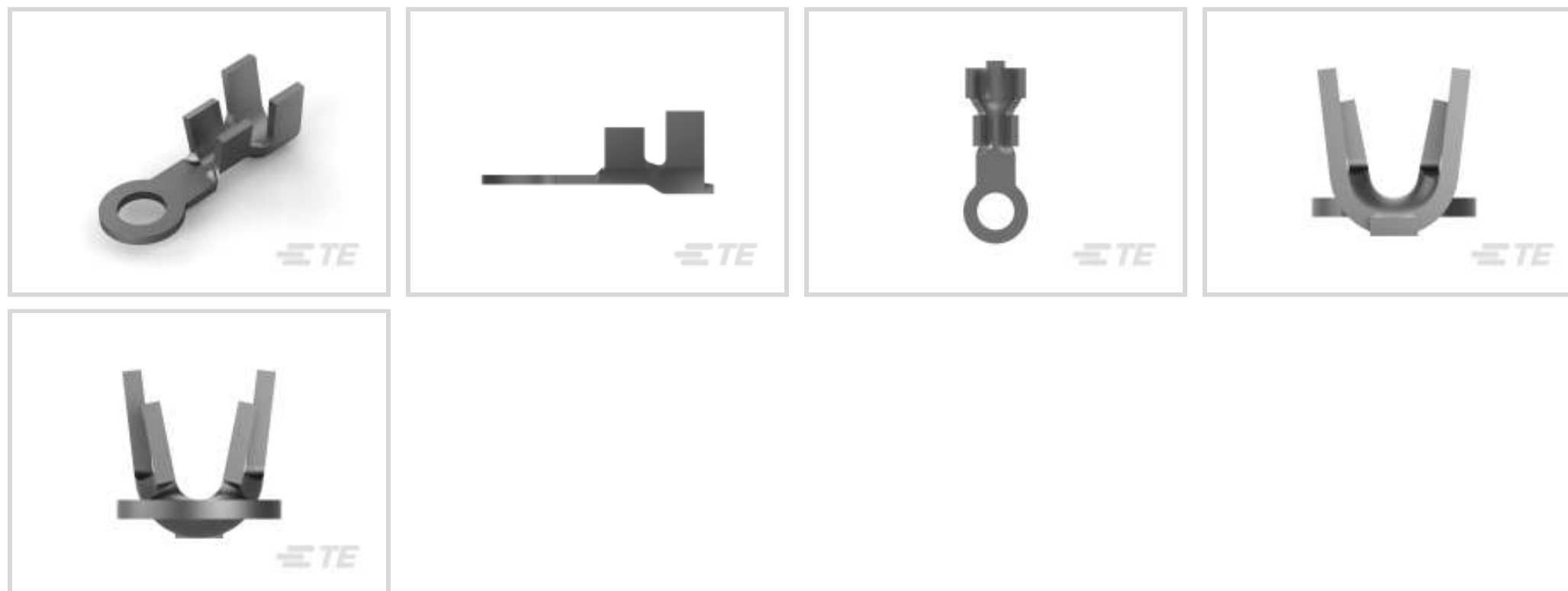
Ring Terminals & Spade Terminals, Ring Tongue, 12 – 10 AWG

Wire Size, 3 – 6 mm² Wire Size, 6529 – 10382 CMA Wire Size, Stud Size #10

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Terminals & Splices > Ring Terminals & Spade Terminals



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

Wire Size: **6529 – 10382 CMA**

Stud Size: **#10**

Features

Product Type Features

Shape Description	Circular/Oval
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	1.768 g
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Contact Features

Contact Base Material	Brass
Ring & Spade Terminal Type	Ring Tongue
Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Tin
Contact Underplating Material	None



Mechanical Attachment

Wire Insulation Support	With
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Dimensions

	.17 in
Wire Size	6529 – 10382 CMA
Stud Diameter	5 mm[.197 in]
Tongue Thickness	1.02 mm[.04 in]
Product Length	23.37 mm[.92 in]
Barrel Inside Diameter	2.54 mm, 4.82 mm[.1 in][.19 in]
Compatible Insulation Diameter (Max)	5.33 mm[.21 in]
Compatible Insulation Diameter Range	4.32 – 5.33 mm[.17 – .21 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	110 °C[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	3000
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



TE Part # 61844-1
RING TERMINAL 12-10 AWG .0395X.650 TPCU



TE Part # 42191-1
FLAG TERMINAL TERMINAL 18-12 AWG TPBR



TE Part # 42639-1
RING TERMINAL 14-12 AWG BR



TE Part # 2-2150286-2
OCEAN_2.0_Applicator-E-180F300F



TE Part # 2150286-2
OCEAN_2.0_Applicator-E-180F300F



TE Part # 60399-1
RING TERMINAL 12-10 AWG TPCU



TE Part # 7-2150286-2
OCEAN_2.0_Applicator-E-180F300F

Customers Also Bought




TE Part #1-2273004-3
M8 x 1.0 straight plug Pigtail Shld



TE Part #40725
RING 190(4.82MM)TERMINAL 18-14 AWG TPBR



TE Part #61867-2
RING CRIMP 18-14 AWG TPBR



TE Part #1-1825139-2
A203TZQ04



TE Part #3-640443-7
07P MTA100 CONN ASSY GRN



TE Part #1744134-7
07P SL156 HSG RMP&TABS,#3,6 BL



TE Part #278414-000
RT-3-NO.2-0-COIL



TE Part #881016-2
RING TONGUE 6.0-10.0 MM2 1.00X22.7 TPBR



TE Part #1601755-1
L165D20B=RTM 4000-13000



TE Part #1601614-1
L061C16A=RTM 900-2600

Documents

Product Drawings

RING CRIMP 12-10 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_42864-2_N_c-42864-2-n.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_42864-2_N_c-42864-2-n.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_42864-2_N_c-42864-2-n.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

[MD_42864-2_11302016231_dmtec](#)

English

[MD_42864-2_11302016231_dmtec](#)

English



[Agency Approvals](#)

[UL Report](#)

English