

40523 ✓ ACTIVE

TE Internal #: 40523

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

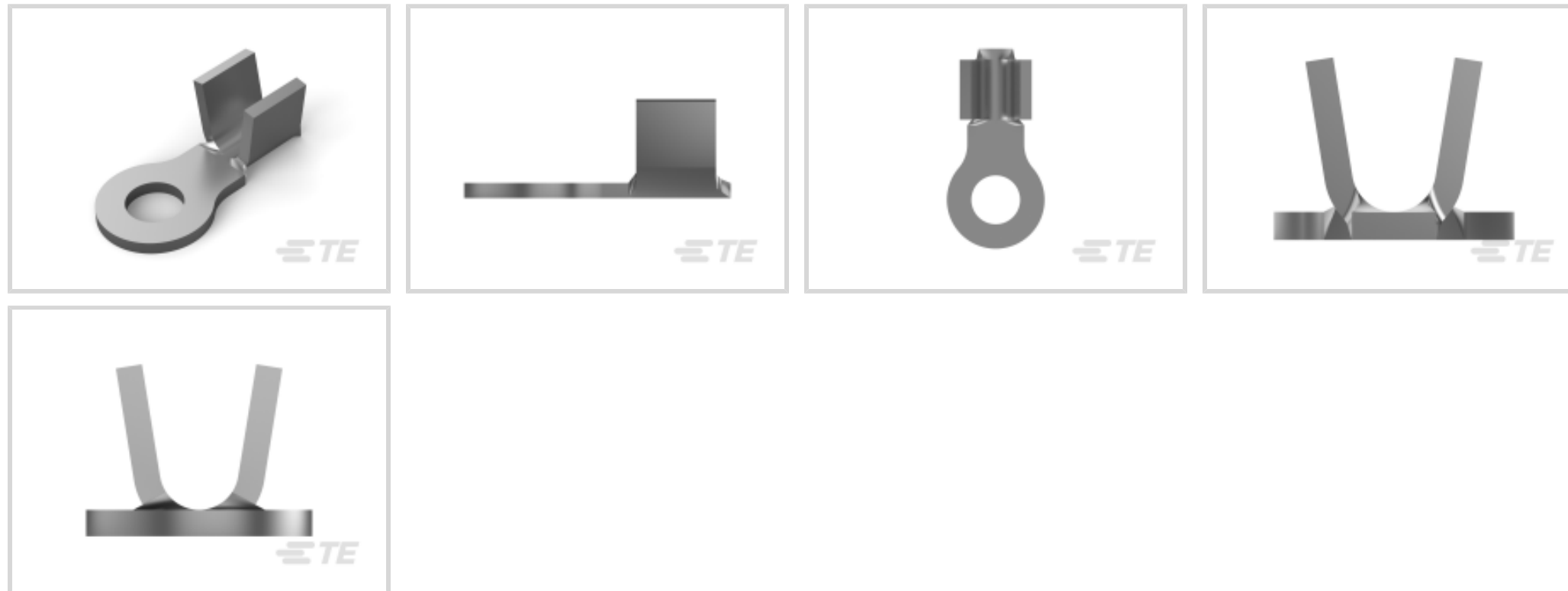
Wire Size, 2.62 – 6.64 mm² Wire Size, 6529 – 10382 CMA Wire Size,

Stud Size M4 / #8

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Terminals & Splices > Ring Terminals & Spade Terminals



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

Wire Size: **6529 – 10382 CMA**

Stud Size: **#8, M4**

Features

Product Type Features

Shape Description	Circular/Oval
Stud Size	#8, M4
Sealable	No
Compatible With Discrete Wire Type	Stranded
Wire Insulation Support Retention Type	Non-Insulation Support

Configuration Features

Number of Holes	1
Terminal Angle	180 °

Body Features

Inspection Slot	No
Weight per Piece	.963 g

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	Without
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Dimensions

Wire Size	6529 – 10382 CMA
Stud Diameter	4.34 mm[.171 in]
Tongue Thickness	1.02 mm[.04 in]
Overall Product Length	17.02 mm[.67 in]
Barrel Inside Diameter	3.05 mm[.12 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]

Operation/Application

Compatible With Wire Base Material	Copper
Heavy Duty	No

Industry Standards

Government Qualified	No
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Packaging Features

Packaging Quantity	8000
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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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 # 61546-1
RING TONGUE 10-6 AWG TPCUBR



TE Part # 2150245-1
OCEAN_2.0_Applicator-E-210F



TE Part # 2-2150245-1
OCEAN_2.0_Applicator-E-210F



TE Part # 2-2150245-2
OCEAN_2.0_Applicator-E-210F



TE Part # 2150245-2
OCEAN_2.0_Applicator-E-210F



TE Part # 7-2150245-1
OCEAN_2.0_Applicator-E-210F



TE Part # 7-2150245-2
OCEAN_2.0_Applicator-E-210F



KIT
REPRESENTATION ONLY

TE Part # 7-2150245-7
OCEAN_2.0_SPARE_PART_KIT-210F

Customers Also Bought



TE Part #2-326882-1
PIDG RING TONGUE TERMINALS



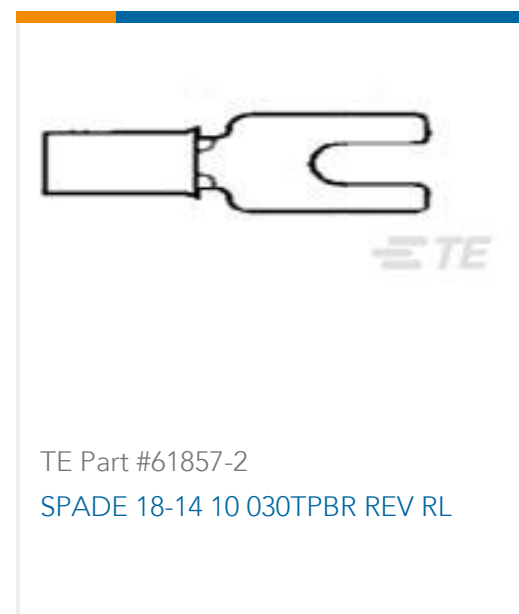
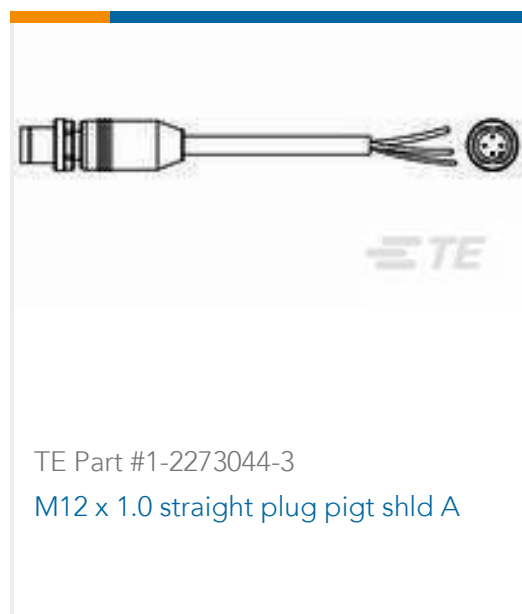
TE Part #41126
RING 12-10 AWG TPBR



TE Part #2-520274-2
ULTRA-FAST 187 ASY REC 22-18 TPPB



TE Part #61299-1
SPLICE 7000-12500 .031 TPST



Documents

Product Drawings

RING TERMINAL 12-10 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_40523_BE_c-40523-be.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_40523_BE_c-40523-be.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_40523_BE_c-40523-be.3d_stp.zip](#)

English

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Product Specifications

Engineering Report

English

Product Environmental Compliance

[MD_40523_06052018126_dmtec](#)

English

[MD_40523_06052018126_dmtec](#)

English

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[Agency Approvals](#)

[UL Report](#)

English