

160181-2 ✓ ACTIVE

TE Internal #: 160181-2

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

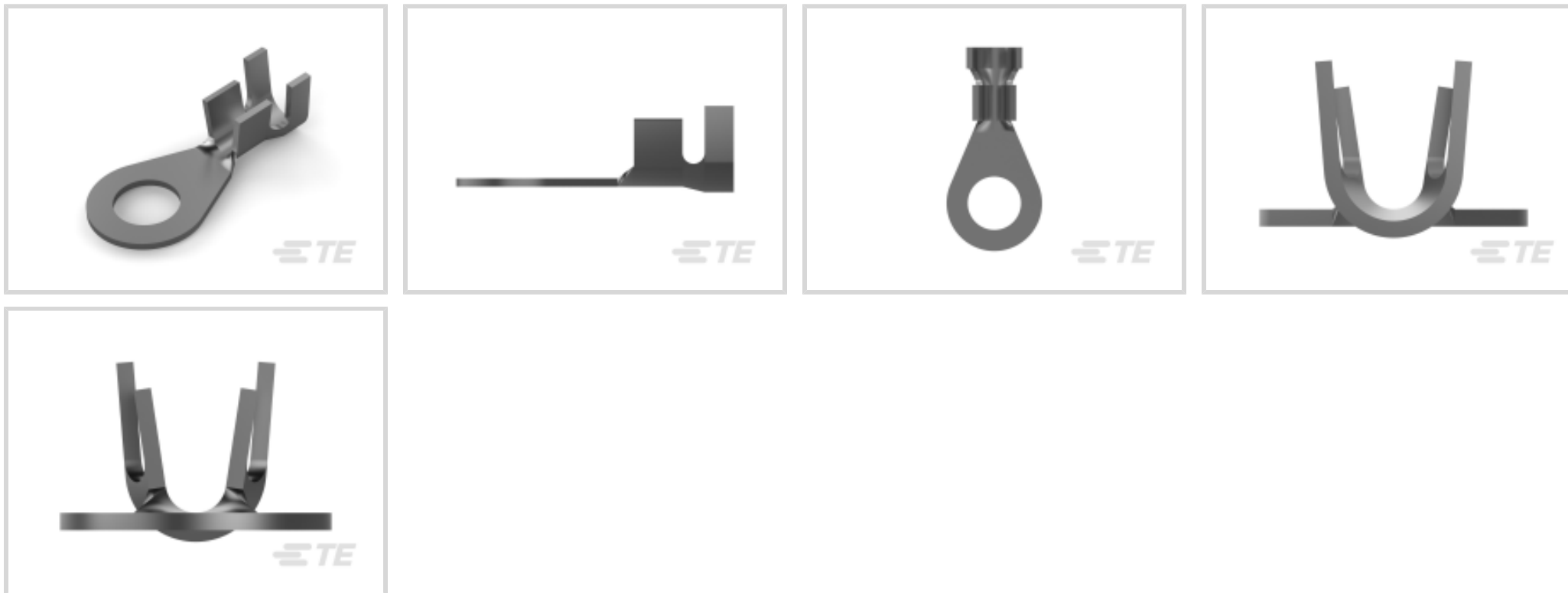
Wire Size, 3.1 – 5.3 mm<sup>2</sup> Wire Size, 6529 – 10382 CMA Wire Size,

Stud Size M6

[View on TE.com >](#)



Terminals & Splices > Ring Terminals & Spade Terminals



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

Wire Size: **6529 – 10382 CMA**

Stud Size: **M6**

## Features

### Product Type Features

Shape Description	Circular/Oval
Stud Size	M6
Sealable	No
Compatible With Discrete Wire Type	Stranded
Wire Insulation Support Retention Type	Insulation Support

### Configuration Features

Number of Holes	1
Terminal Angle	180 °

### Body Features

Inspection Slot	No
Weight per Piece	.185 g

### Contact Features

Contact Base Material	Brass
Ring & Spade Terminal Type	Ring Tongue
Barrel Type	Open
Terminal Orientation	Straight



Terminal Plating Material	Tin
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Contact Underplating Material	None
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### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

	.15 in
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Wire Size	6529 – 10382 CMA
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Stud Diameter	6.6 mm[.26 in]
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Tongue Thickness	.76 mm[.03 in]
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Overall Product Length	20.57 mm[.81 in]
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Barrel Inside Diameter	2.66 mm, 4.44 mm[.105 in][.175 in]
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Accepts Wire Insulation Diameter (Max)	5.31 mm[.209 in]
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Accepts Wire Insulation Diameter Range	3.8 – 5.3 mm[.15 – .209 in]
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### Usage Conditions

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

Compatible With Wire Base Material	Copper
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Heavy Duty	No
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### Industry Standards

Government Qualified	No
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### Packaging Features

Packaging Quantity	1000
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Packaging Method	Strip/Reel
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### Other

Comment	Splice Free
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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 # 280268-2  
RING TONGUE 4-6MM2 0.0276X0.650 TPBR



TE Part # 280267-2  
COSSE RONDE 12 10



TE Part # 160548-2  
RING TONGUE 22-20 AWG .0120 X .290 PTPBR



TE Part # 2-2150066-2  
OCEAN\_2.0\_Applicator-E-180F250F



TE Part # 2150066-2  
OCEAN\_2.0\_Applicator-E-180F250F



TE Part # 280261-2  
OPEN BARREL RINGTON



TE Part # 7-2150066-2  
OCEAN\_2.0\_Applicator-E-180F250F



TE Part # 7-2150066-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-180F250F

## Customers Also Bought



TE Part #1719043-1  
SINGLE WIRE SEAL, GREEN



TE Part #1-2141324-1  
6POS, MCON 1.2 LL TAB SEALED  
COD A



TE Part #1-1241370-3  
6POS MQS REC COD A



TE Part #7-1452671-1  
MCON 1.2 LL REC SWS SN



TE Part #1-1904045-1  
V23333Z0001A007-EV-100



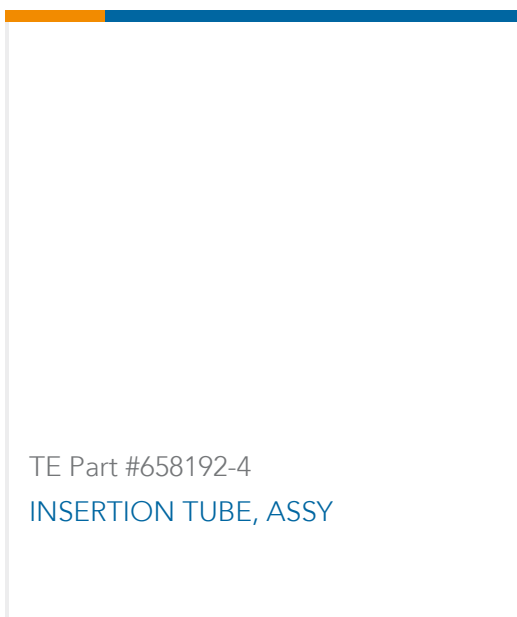
TE Part #2-1956164-7  
RY900147R (RY211024R)



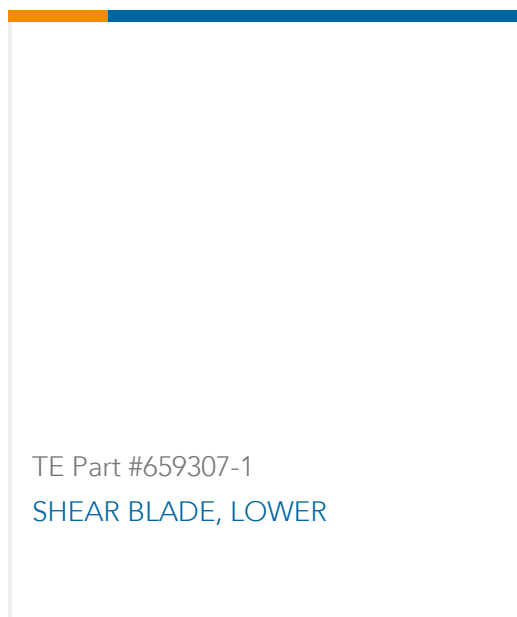
TE Part #659304-1  
SHEAR BLADE, UPPER



TE Part #1-2265185-1  
CABLE ASSY, SUPER SEAL ANGLED



TE Part #658192-4  
INSERTION TUBE, ASSY



TE Part #659307-1  
SHEAR BLADE, LOWER

## Documents

### Product Drawings

[RING TONGUE IS 3.1-5.3 MM2 TPBR](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_160181-2\\_N.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_160181-2\\_N.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_160181-2\\_N.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications



[Product Specification](#)

English

[Product Specification](#)

English

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English

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[Product Environmental Compliance](#)

[TE Material Declaration](#)

English