

150070-5 ✓ ACTIVE

TE Internal #: 150070-5

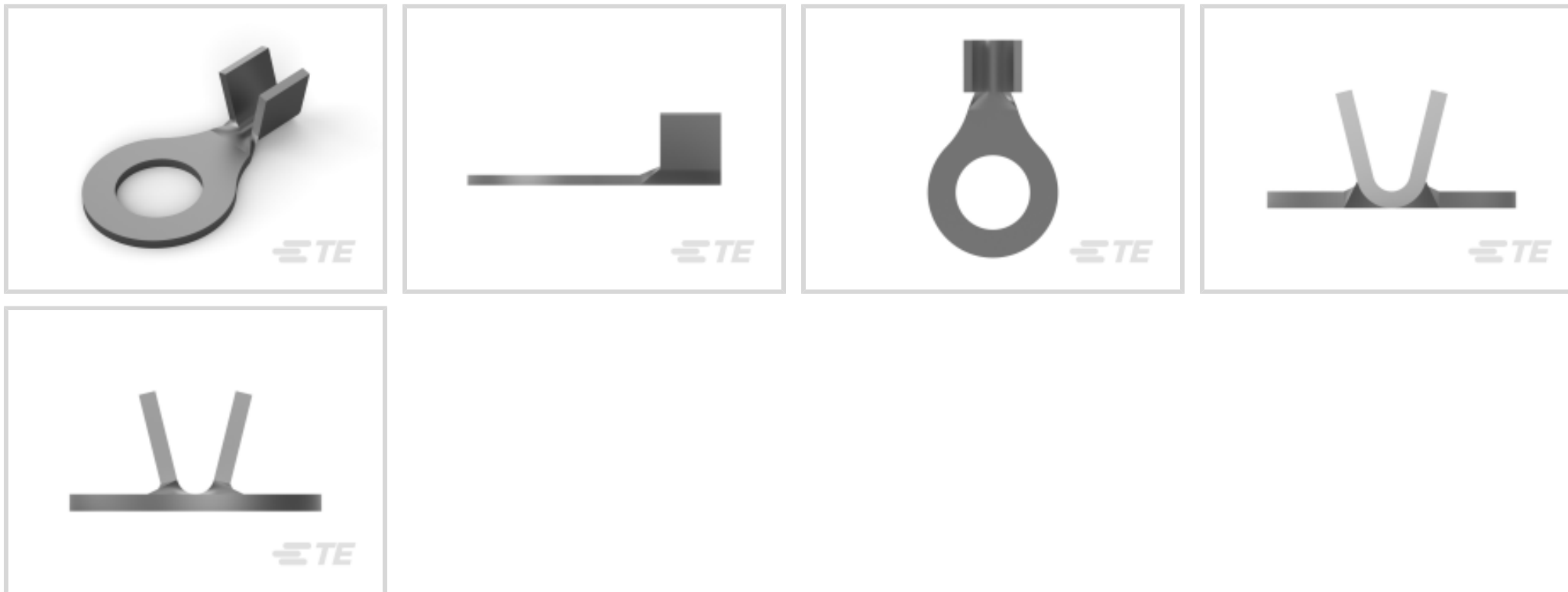
Ring Terminals & Spade Terminals, Ring Tongue, 20 – 16 AWG

Wire Size, .5 – 1.4 mm<sup>2</sup> Wire Size, 1022 – 2583 CMA Wire Size, Stud Size M4 / #8

[View on TE.com >](#)



Terminals & Splices > Ring Terminals & Spade Terminals



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

Wire Size: **1022 – 2583 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
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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
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### Mechanical Attachment

Wire Insulation Support	Without
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### Dimensions

Wire Size	1022 – 2583 CMA
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Stud Diameter	4.3 mm[.169 in]
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Tongue Thickness	.76 mm[.03 in]
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Overall Product Length	12.7 mm[.5 in]
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Barrel Inside Diameter	1.14 mm[.045 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	15000
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Packaging Method	Strip/Reel
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC
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Free




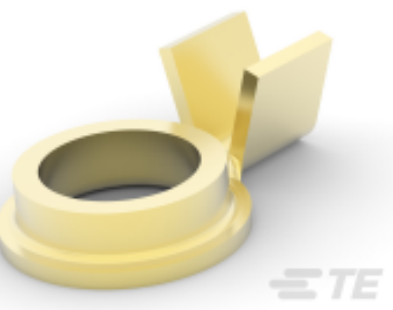

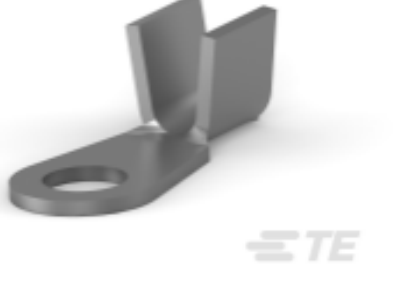






Solder Process Capability

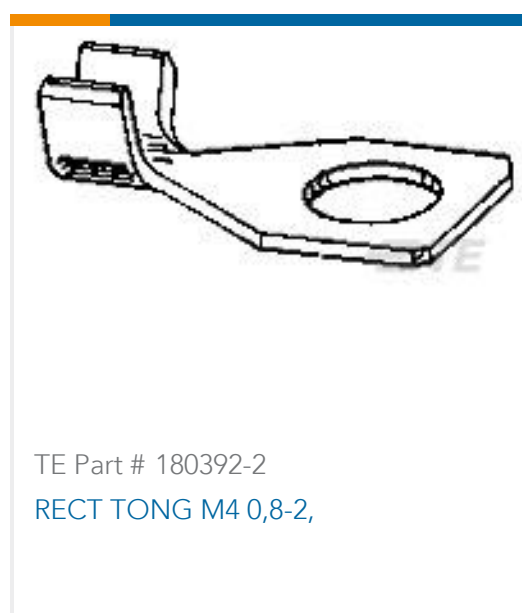
Not applicable for solder process capability

Product Compliance Disclaimer

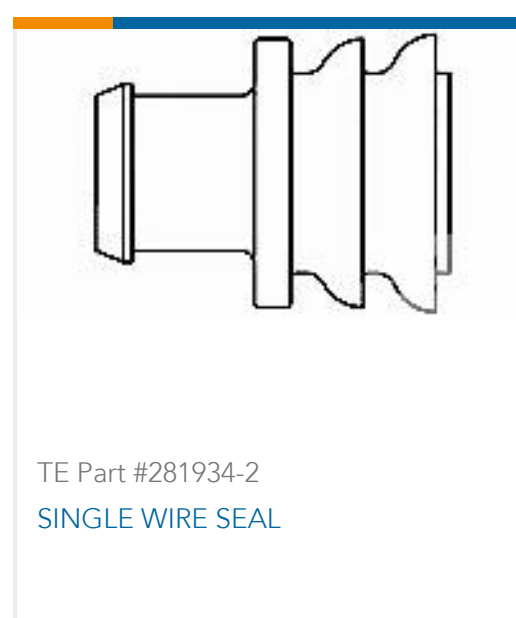
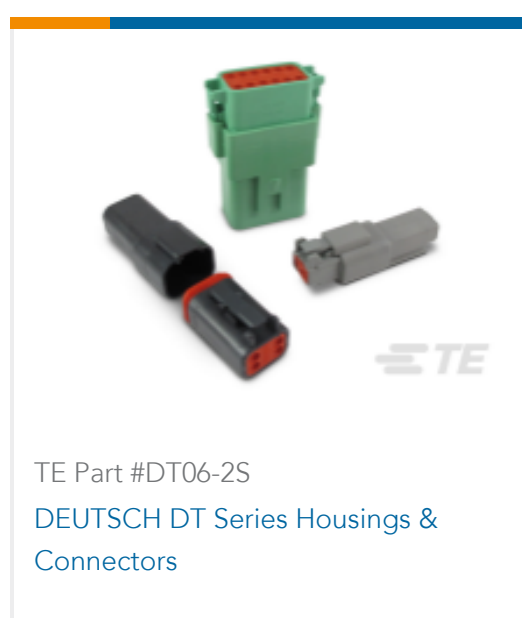
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 <p>TE Part # 61546-1 RING TONGUE 10-6 AWG TPCUBR</p>	 <p>TE Part # 160101-2 RING TONGUE 20-16 AWG 0.0253 TPBR</p>	 <p>TE Part # 140635 RING TONGUE .157 (4.0 MM) TERMINAL BR</p>	 <p>TE Part # 160088-1 RING TONGUE 20-16 AWG 0.198 X .700 BR</p>
 <p>TE Part # 160434-2 RING TONGUE I.S.</p>	 <p>TE Part # 1742456-2 RT .265 DIA TERMINAL 10-6 AWG TPCU</p>	 <p>TE Part # 140636 RING TONGUE</p>	 <p>TE Part # 154947-2 RING TONGUE</p>
 <p>TE Part # 160101-1 RING TONGUE 20-16 AWG 0.0253 BR</p>	 <p>TE Part # 170005-1 RING STRIP 20-16 AWG 0198 X .325</p>	 <p>TE Part # 170005-4 RING STRIP 20-16 AWG 0198 X .325</p>	 <p>TE Part # 170005-6 RING TERMINAL</p>



## Customers Also Bought



## Documents

### Product Drawings

#### RING

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_150070-5\\_Y.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_150070-5\\_Y.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_150070-5\\_Y.3d\\_stp.zip](#)

English

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### Product Specifications

#### Product Specification

English

#### Product Specification

English

#### Product Specification

English

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### Product Environmental Compliance

#### MD\_150070-5\_11192014929\_dmtec

English

#### MD\_150070-5\_11192014929\_dmtec

English

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### Agency Approvals

#### Agency Approval Document

English