

640189-1 ✓ ACTIVE

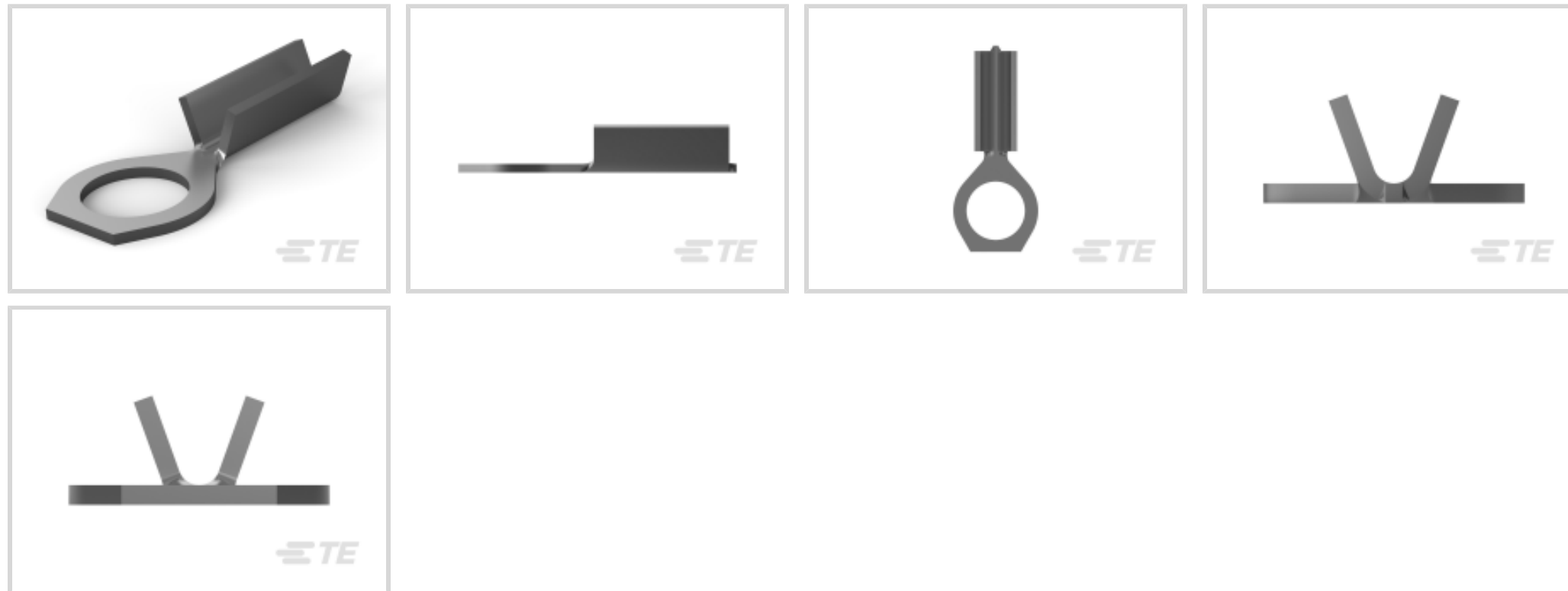
TE Internal #: 640189-1

Ring Terminals & Spade Terminals, Ring Tongue, Stud Size #5 / M3,  
Stud Diameter 3.25 mm [.128 in], Tongue Thickness .76 mm [.03 in],  
Open, Straight

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Terminals & Splices > Ring Terminals & Spade Terminals



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

Stud Size: **#5, M3**

Stud Diameter: **3.25 mm [.128 in]**

Tongue Thickness: **.76 mm [.03 in]**

Barrel Type: **Open**

## Features

### Product Type Features

Terminal Features	Sheared
Shape Description	Circular/Oval
Stud Size	#5, M3
Sealable	No
Compatible With Discrete Wire Type	Tinsel Wire
Wire Insulation Support Retention Type	Insulation Piercing

### Configuration Features

Number of Holes	1
Terminal Angle	180 °

### Body Features

Inspection Slot	No
Weight per Piece	.194 g

### Contact Features

Contact Base Material	Brass
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Ring & Spade Terminal Type	Ring Tongue
Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Tin
Contact Underplating Material	Nickel

### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

	.03 in
Stud Diameter	3.25 mm [.128 in]
Tongue Thickness	.76 mm [.03 in]
Overall Product Length	19.81 mm [.78 in]
Barrel Inside Diameter	.76 mm [.03 in]
Accepts Wire Insulation Diameter (Max)	.89 mm [.035 in]
Accepts Wire Insulation Diameter Range	.76 – .89 mm [.03 – .035 in]

### Usage Conditions

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

### Operation/Application

Heavy Duty	No
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### Industry Standards

Government Qualified	No
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### Packaging Features

Packaging Quantity	13000
Packaging Method	Strip/Reel

### Other

Comment	Insulation penetrating.
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### 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 &gt; Threshold:

Not Yet Reviewed

Halogen Content

Low Halogen - Br, Cl, F, I &lt; 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Not applicable for solder process capability

## Product Compliance Disclaimer

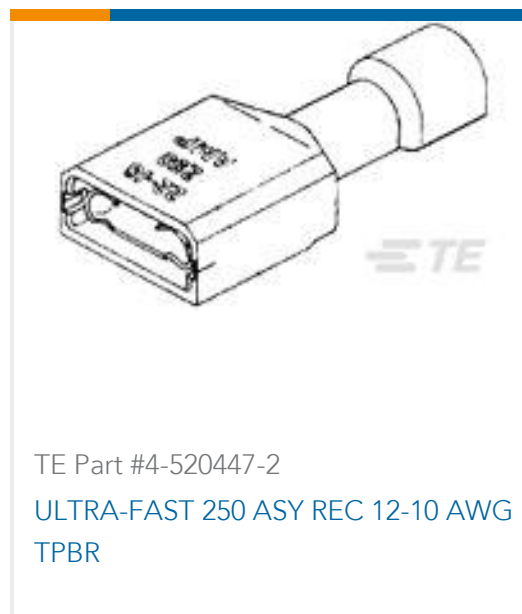
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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





## Customers Also Bought



## Documents

### Product Drawings

#### RING TINSEL WIRE TPBR

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_640189-1\\_F\\_c-640189-1-f.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_640189-1\\_F\\_c-640189-1-f.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_640189-1\\_F\\_c-640189-1-f.3d\\_stp.zip](#)

English

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

### Product Specifications

#### Application Specification

English