

50836-1 ✓ ACTIVE



## STRATO-THERM

TE Internal #: 50836-1

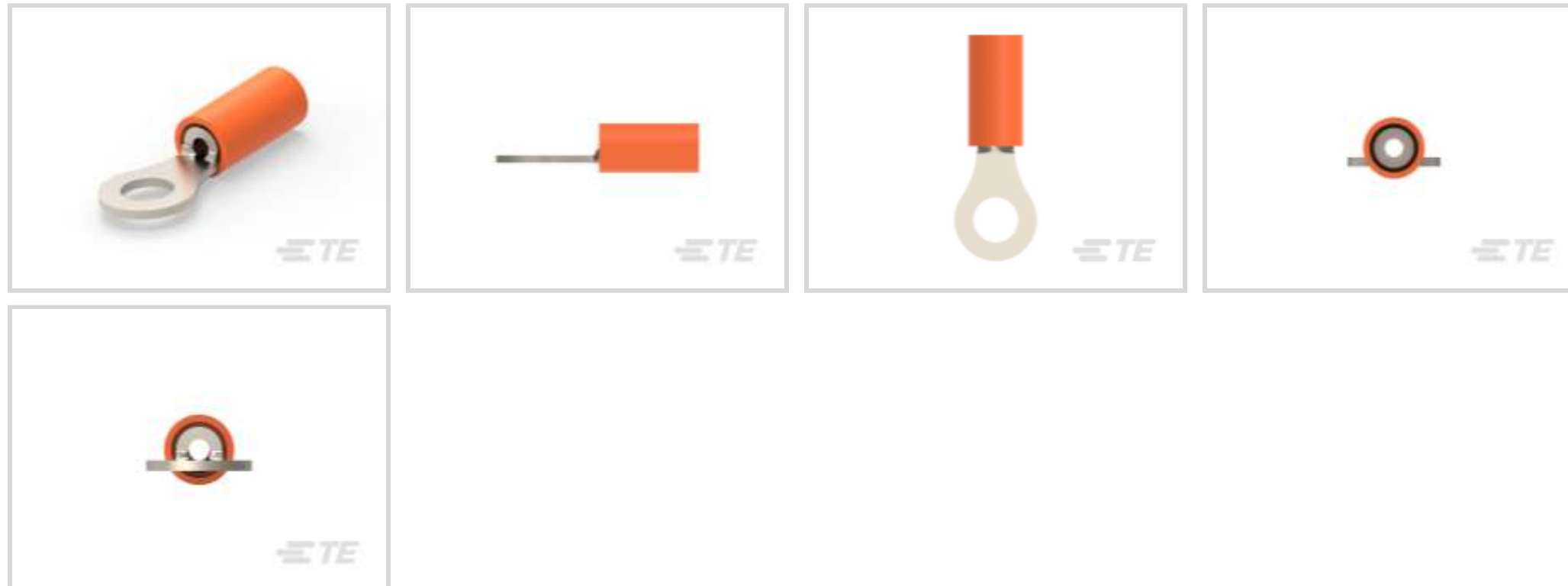
Ring Terminals & Spade Terminals, Ring Tongue, 18 – 16 AWG

Wire Size, .8 – 1.4 mm<sup>2</sup> Wire Size, 1600 – 2800 CMA Wire Size, Stud

Size #10, STRATO-THERM

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Terminals & Splices > Ring Terminals & Spade Terminals



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

Wire Size: **1600 – 2800 CMA**

Stud Size: **#10**

### Features

#### Product Type Features

Stud Size	#10
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

#### Configuration Features

Number of Holes	1
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#### Electrical Characteristics

Voltage Rating	300 V
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#### Body Features

Product Weight	1 g
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#### Contact Features

Ring & Spade Terminal Type	Ring Tongue
Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Nickel

#### Mechanical Attachment



Wire Insulation Support	With
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### Dimensions

Wire Size	1600 – 2800 CMA
Stud Diameter	5 mm[.197 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	21.72 mm[.855 in]
Compatible Insulation Diameter (Max)	3.43 mm[.135 in]
Compatible Insulation Diameter Range	1.4 – 3.43 mm[.055 – .135 in]

### Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	288 °C[550 °F]

### Industry Standards

Government Qualified Terminal	No
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### Packaging Features

Packaging Quantity	5000
Packaging Method	Loose Piece

## 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: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

#### Product Compliance Disclaimer

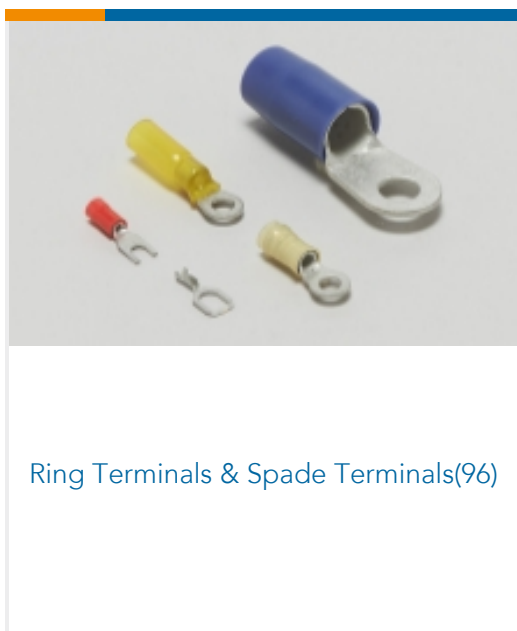
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

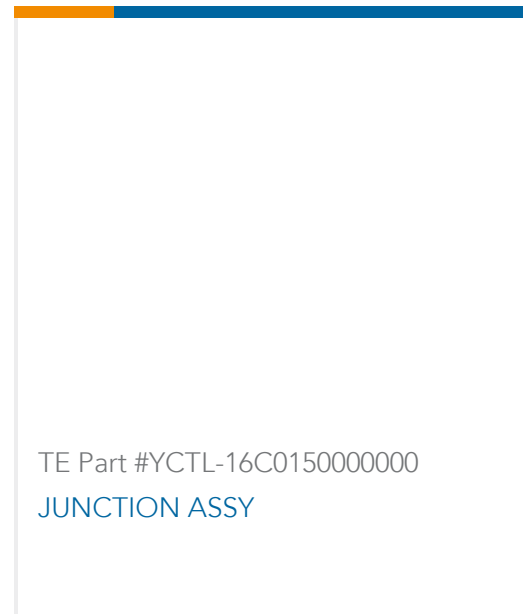
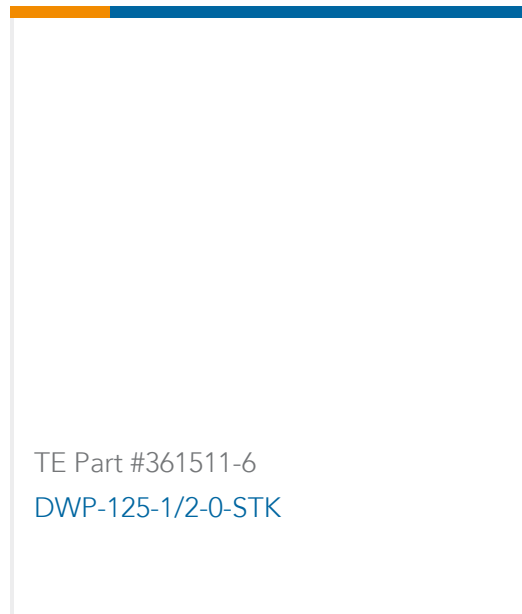


## Also in the Series | STRATO-THERM



## Customers Also Bought





## Documents

### Product Drawings

[TERMINAL,PIDG PTFE R 18-16 10](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_50836-1\\_L\\_c-50836-1-l.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_50836-1\\_L\\_c-50836-1-l.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_50836-1\\_L\\_c-50836-1-l.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