

130106 ✓ ACTIVE

SOLISTRAND

TE Internal #: 130106

Ring Terminals & Spade Terminals, Ring Tongue, 17 – 13 AWG

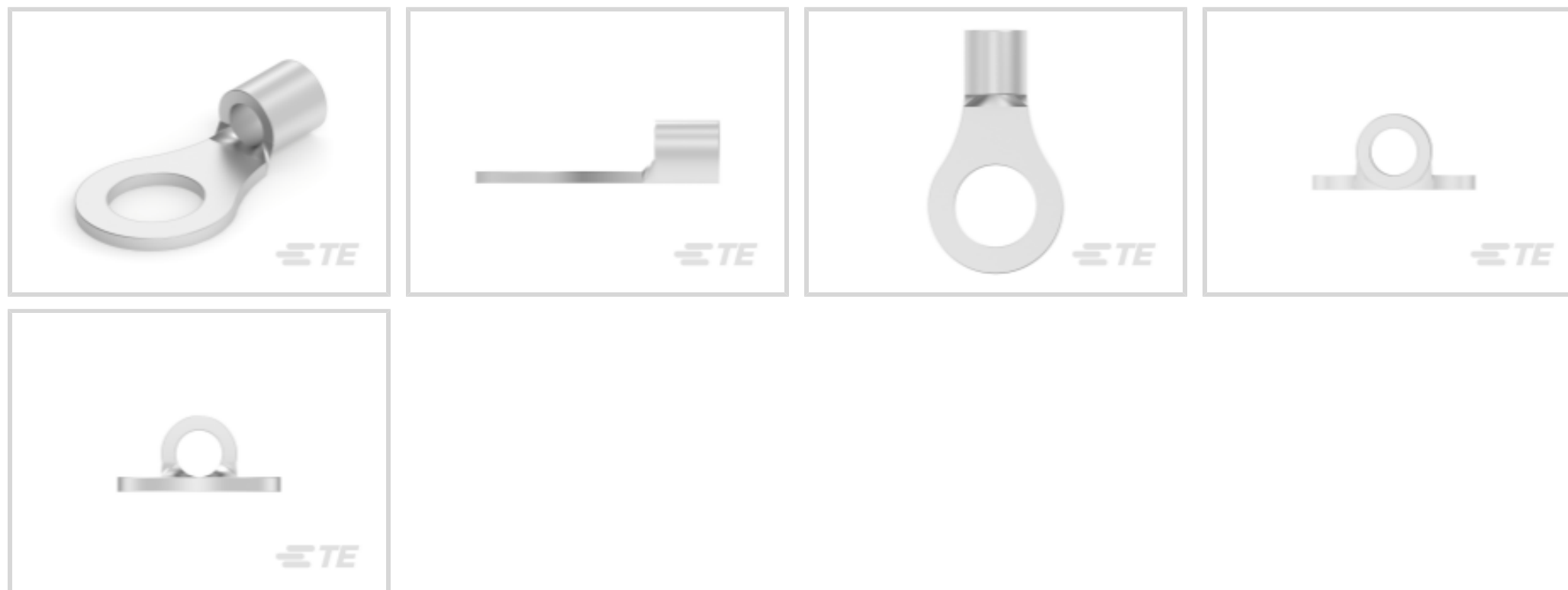
Wire Size, 1 – 2.5 mm<sup>2</sup> Wire Size, 2050 – 5180 CMA Wire Size, Stud

Size M3 / #5

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Terminals & Splices > Ring Terminals & Spade Terminals



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

Wire Size: **2050 – 5180 CMA**

Stud Size: **#5, M3**

**Features**

**Product Type Features**

|  |                        |
|--|------------------------|
| Shape Description                      | RING-048               |
| Stud Size                              | #5, M3                 |
| Sealable                               | No                     |
| Wire Insulation Support Retention Type | Non-Insulation Support |

**Configuration Features**

|                |       |
|----------------|-------|
| Terminal Angle | 180 ° |
|----------------|-------|

**Body Features**

|                 |    |
|-----------------|----|
| Inspection Slot | No |
|-----------------|----|

**Contact Features**

|                            |             |
|----------------------------|-------------|
| Ring & Spade Terminal Type | Ring Tongue |
| Barrel Type                | Closed      |
| Terminal Orientation       | Straight    |
| Terminal Plating Material  | Tin         |

**Mechanical Attachment**

|                         |         |
|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|



### Dimensions

|                        |                  |
|------------------------|------------------|
| Wire Size              | 2050 – 5180 CMA  |
| Stud Diameter          | 5.2 mm[.205 in]  |
| Tongue Thickness       | .79 mm[.031 in]  |
| Overall Product Length | 16.3 mm[.64 in]  |
| Barrel Inside Diameter | 2.15 mm[.085 in] |

### Usage Conditions

|                             |                |
|-----------------------------|----------------|
| Insulation Requirement      | Uninsulated    |
| Operating Temperature Range | 170 °C[338 °F] |

### Operation/Application

|                                       |        |
|---------------------------------------|--------|
| Compatible With Wire Base Material    | Copper |
| Compatible With Wire Plating Material | Tin    |
| Heavy Duty                            | No     |

### Industry Standards

|                      |    |
|----------------------|----|
| Government Qualified | No |
|----------------------|----|

### Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 1000        |
| Packaging Method   | Loose Piece |

### Product Compliance








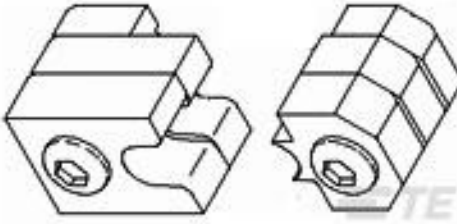


[For compliance documentation, visit the product page on TE.com>](#)

|   |   |
|---|---|
| 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: JUL 2021 (219)<br>Candidate List Declared Against: JUL 2021 (219)<br>Does not contain REACH SVHC |
| 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  |

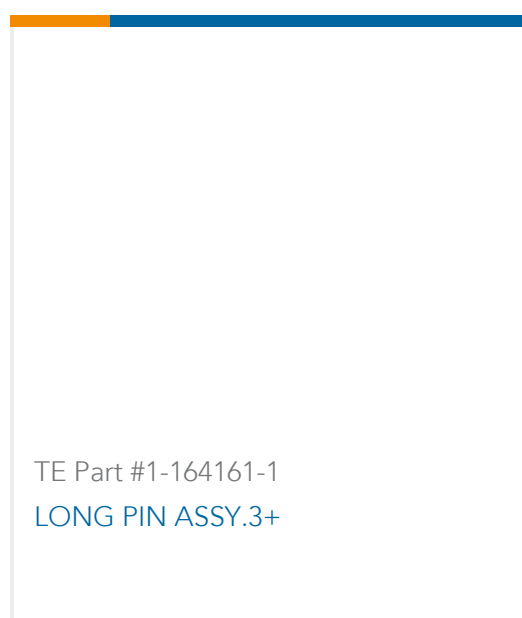
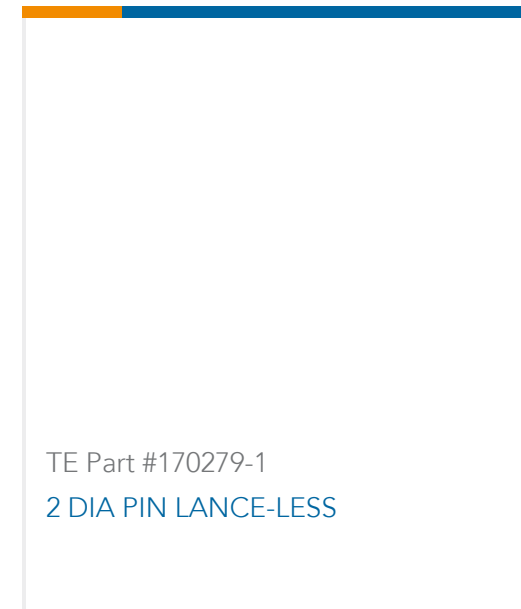
Product Compliance Disclaimer

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

|   |   |   |   |
|---|---|---|---|
|  <p>TE Part # 58545-1<br/>SOLISTRAND 10-22 DIE ASSY</p> |  <p>TE Part # 49935<br/>DAHT SOLIS 22-10 ASSY</p>             |  <p>TE Part # 58546-1<br/>PC 22-10 SOLISSPICE SPL I SHT</p> |  <p>TE Part # 539662-2<br/>MATR SOLISTR 0,3-6,</p>    |
|  <p>TE Part # 525693<br/>DAHT SOLIS 22-10 ASSY</p>     |  <p>TE Part # 58545-3<br/>SDE DIE ASSY. 22-10 SOLISTRAND</p> |  <p>TE Part # 1377172-8<br/>SMP 0-0130106-0</p>            |  <p>TE Part # 47813<br/>DIES SOLIS 16-14 DIE SET</p> |
|  <p>TE Part # 169400<br/>CERTI-LOK</p>                 |  <p>TE Part # 574573<br/>DAHT SOLIS 22-10 ASSY</p>           |   |   |

## Customers Also Bought



## Documents

### Product Drawings

[SOLIS TERM 16-14 5MM STUD](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_130106\\_E.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_130106\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_130106\\_E.3d\\_stp.zip](#)

English

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

## Datasheets & Catalog Pages



## SOLISTRAND - QRG

English

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### Product Environmental Compliance

[MD\\_130106\\_11102014736\\_dmtec](#)

English

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English

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### Agency Approvals

[UL Report](#)

English