

165048 ✓ ACTIVE

SOLISTRAND

TE Internal #: 165048

Crimp Wire Pins, Tabs & Ferrules, Wire Pin, Pin Diameter 2.6 mm [.102 in], 12 – 10 AWG Wire Size, 3 – 6 mm<sup>2</sup> Wire Size, 5180 – 13100 CMA Wire Size

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Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules



Crimp Wire Pin, Tab & Ferrule Terminal Type: **Wire Pin**

Pin Diameter: **2.6 mm [.102 in]**

Wire Size: **5180 – 13100 CMA**

**Features**

**Product Type Features**

|  |                        |
|--|------------------------|
| Sealable                               | No                     |
| Compatible With Discrete Wire Type     | Stranded               |
| Wire Insulation Support Retention Type | Non-Insulation Support |

**Configuration Features**

|                                   |               |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
|-----------------------------------|---------------|

**Body Features**

|             |    |
|-------------|----|
| Double Wire | No |
|-------------|----|

**Contact Features**

|   |               |
|---|---------------|
| Terminal Length                             | 10 mm[.39 in] |
| Crimp Wire Pin, Tab & Ferrule Terminal Type | Wire Pin      |
| Barrel Type                                 | Closed        |
| Terminal Plating Material                   | Tin           |
| Pin Type                                    | Formed        |
| Pin Style                                   | Round         |
| Terminal Orientation                        | Straight      |



### Termination Features

|                 |         |
|-----------------|---------|
| Bullet Terminal | Without |
|-----------------|---------|

### Mechanical Attachment

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

### Dimensions

|                             |                   |
|-----------------------------|-------------------|
| Pin Diameter                | 2.6 mm [.102 in]  |
| Wire Size                   | 5180 – 13100 CMA  |
| Barrel Inside Diameter      | 3.4 mm [.134 in]  |
| Terminal Material Thickness | .99 mm [.039 in]  |
| Overall Product Length      | 20.7 mm [.815 in] |

### Usage Conditions

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

### Operation/Application

|            |    |
|------------|----|
| Heavy Duty | No |
|------------|----|

### Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 1000 |
| Packaging Method   | Box  |

### 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)<br>Candidate List Declared Against: JUNE 2022 (224)<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



## Documents

### Product Drawings

#### SOLIS 12-10 WIRE PIN

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_165048\\_K.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_165048\\_K.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_165048\\_K.3d\\_stp.zip](#)

English

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

### Agency Approvals

#### CSA Certificate

English