

591846-1  ACTIVE

AMP

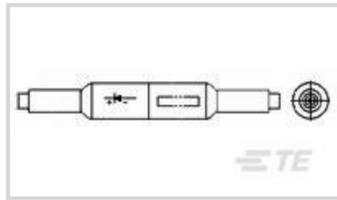
TE Internal #: 591846-1

Electronic Splice-Diode, 10 Contact Points, 10 Position, Board Mount, -55 – 105 °C [-67 – 221 °F], Terminal Junction Modules

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Connectors > Terminal Junction Modules & Accessories > Terminal Junction Modules



Terminal Junction System Component Type: **Electronic Splice-Diode**

Number of Contact Points: **10**

Compatible With Contact Size: **20**

Number of Positions: **10**

Sealable: **No**

## Features

### Product Type Features

|   |                         |
|---|-------------------------|
| Connector & Contact Terminates To       | Wire & Cable            |
| Diode Circuit Number                    | 1N5199                  |
| Connector System                        | Wire-to-Wire            |
| Terminal Junction System Component Type | Electronic Splice-Diode |
| Sealable                                | No                      |

### Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 10 |
|---------------------|----|

### Electrical Characteristics

|                      |     |
|----------------------|-----|
| Diode Current Rating | 8 A |
|----------------------|-----|

### Body Features

|                         |                 |
|-------------------------|-----------------|
| Connector Seal Material | Silicone Rubber |
|-------------------------|-----------------|

### Contact Features

|                              |                  |
|------------------------------|------------------|
| Contact Base Material        | Beryllium Copper |
| Number of Contact Points     | 10               |
| Compatible With Contact Size | 20               |
| Contact Current Rating (Max) | 1.5 A            |

### Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

## Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

## Product Compliance

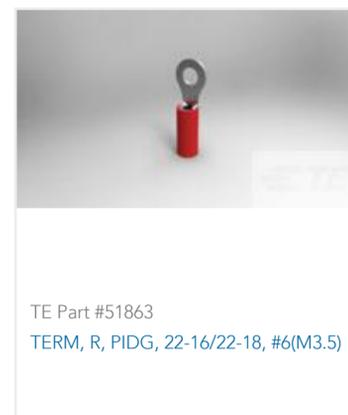
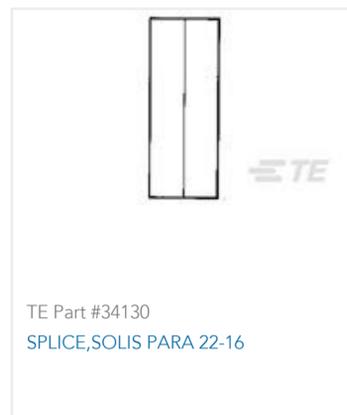
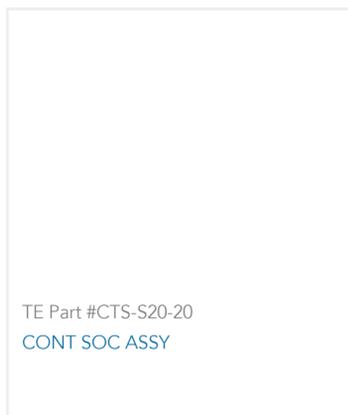
[For compliance documentation, visit the product page on TE.com>](#)

|   |   |
|---|---|
| EU RoHS Directive 2011/65/EU                  | Compliant with Exemptions   |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量超出标准 Restricted Substance(s) Above Threshold  |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>SVHC > Threshold:<br>Octamethylcyclotetrasiloxane (D4) (1% in Component Part)<br>Pb (.6% in 74020097)<br><b>Article Safe Usage Statements:</b><br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| 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>

## Customers Also Bought



## Documents

### Product Drawings

[TJ SZ20/22 SPEC WIDE SINGLE](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_591846-1\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_591846-1\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_591846-1\\_D.3d\\_stp.zip](#)

English

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