

591846-1 ✓ ACTIVE

AMP

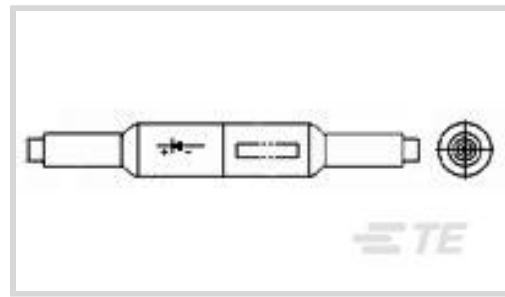
TE Internal #: 591846-1

Terminal Junction Modules, Electronic Splice-Diode, 10 Contact Points, Wire-to-Wire, 10 Position, Wire & Cable, Board Mount

[View on TE.com >](#)



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**

Connector System: **Wire-to-Wire**

Number of Positions: **10**

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	10
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### Electrical Characteristics

Diode Current Rating	8 A
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### Body Features

Grommet Material	Silicone Rubber
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### 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
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### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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### 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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (1% in Grommet) <b>Article Safe Usage Statements:</b> 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	Not Yet Reviewed for halogen content
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>

### 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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## Datasheets & Catalog Pages

[Products for Aerospace and Defense](#)

English