

1318912-1 ✓ ACTIVE



Economy Power

TE Internal #: 1318912-1

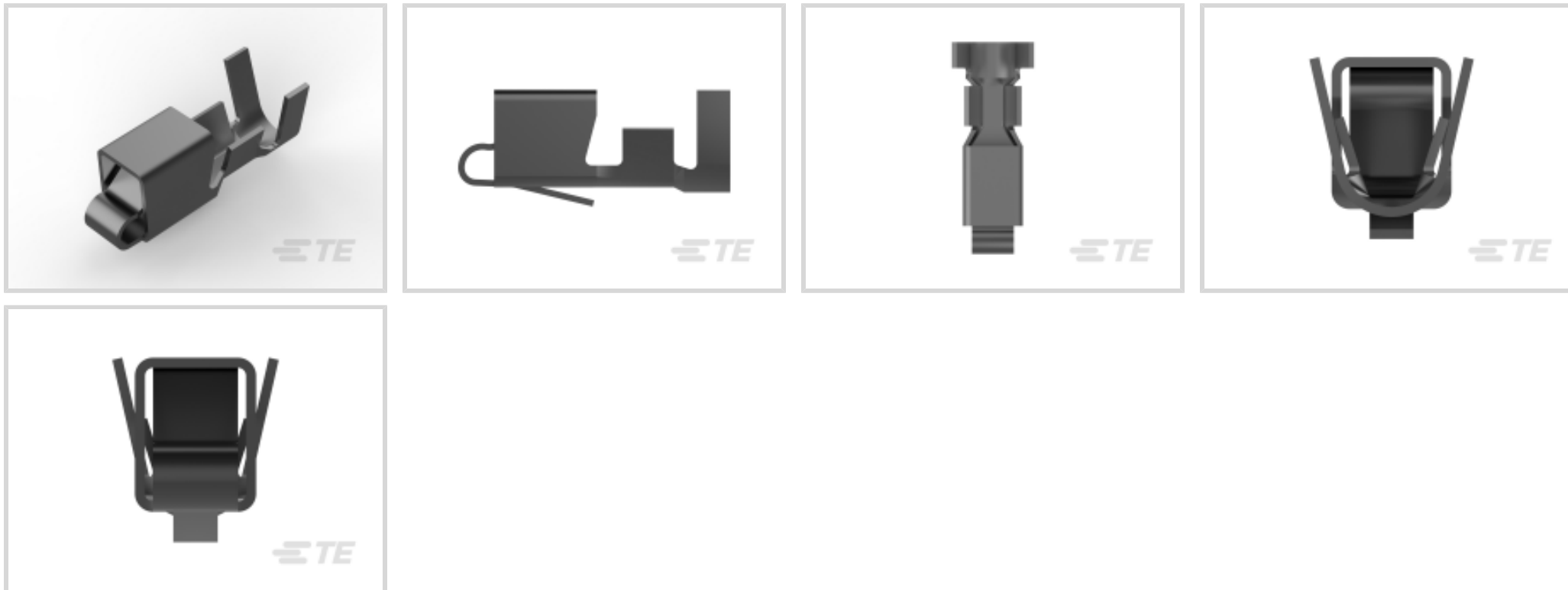
Power Contacts, Contact, 250 VAC, 250 VDC, Tin, 22 – 18 AWG

Wire Size, .33 – .82 mm<sup>2</sup> Wire Size, Wire & Cable, Crimp, Power,

Receptacle, Economy Power

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **250 VDC**

Contact Mating Area Plating Material: **Tin**

Wire Size: **22 – 18 AWG**

### Features

#### Product Type Features

Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

#### Electrical Characteristics

Operating Voltage	250 VDC
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#### Contact Features

Contact Shape & Form	Single Beam in Box
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	8 A
Contact Type	Receptacle
Contact Retention Within Housing	With
Mating Square Post Dimension	1.14 mm[.045 in]
Contact Base Material	Phosphor Bronze
Wire Contact Termination Area Plating Thickness	.8 – 1.4 μm[31.49 – 55.11 μin]
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Orientation	Straight



### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Wire Insulation Support	Without
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### Dimensions

Wire Size	.33 – .82 mm <sup>2</sup>
Compatible Insulation Diameter Range	1.7 – 3 mm [.067 – .118 in]

### Usage Conditions

Operating Temperature Range	-25 – 105 °C [-13 – 221 °F]
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### Operation/Application

Circuit Application	Power
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### Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

### 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 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

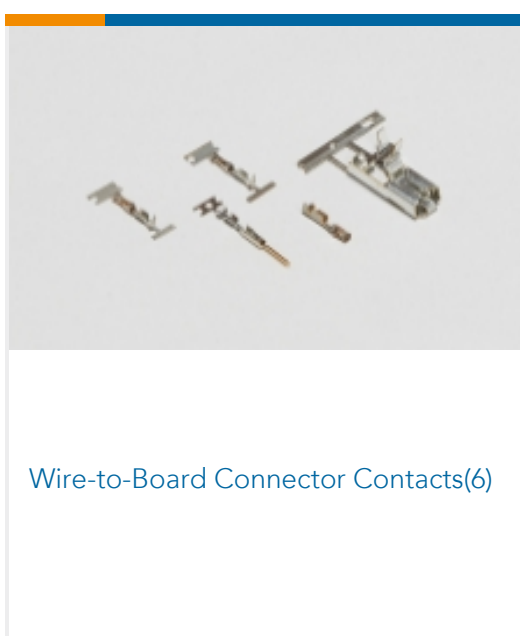
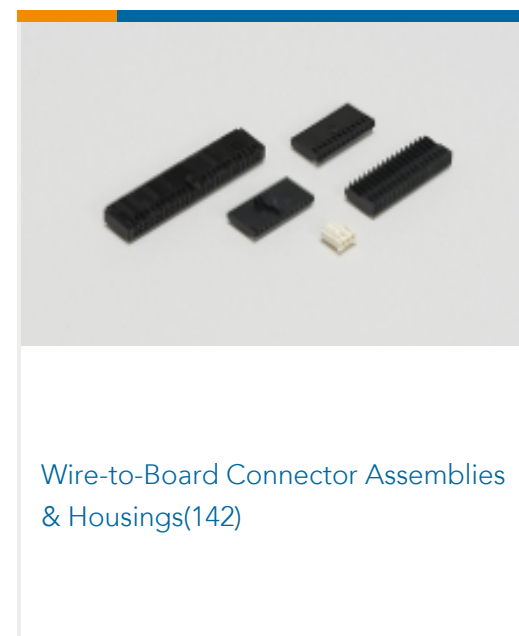
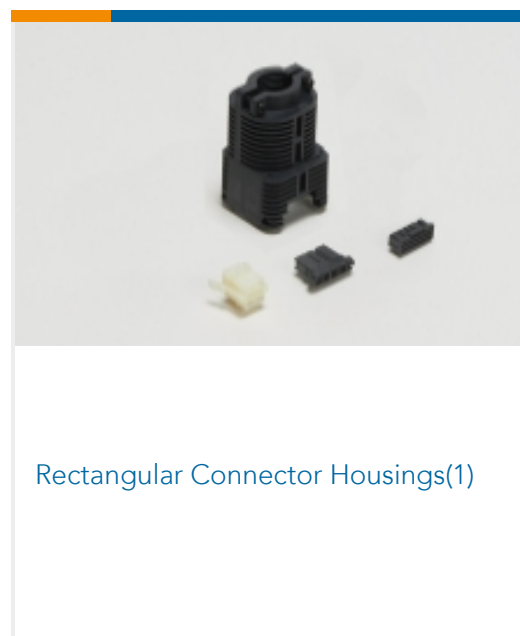
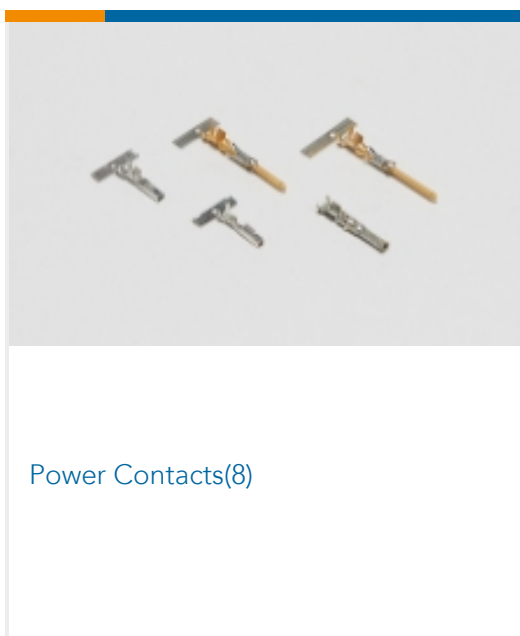
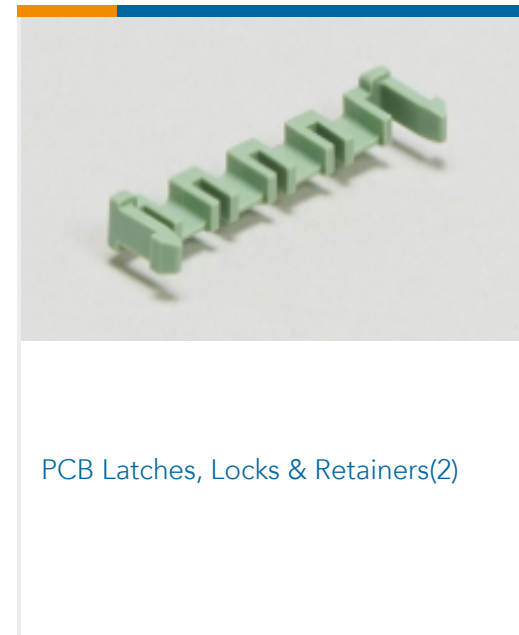
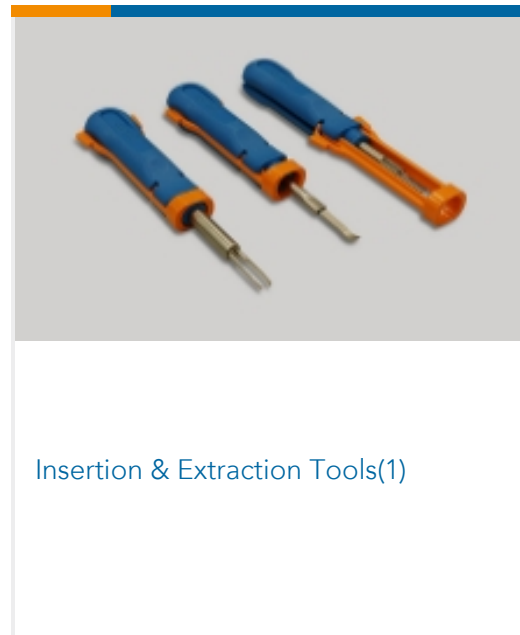
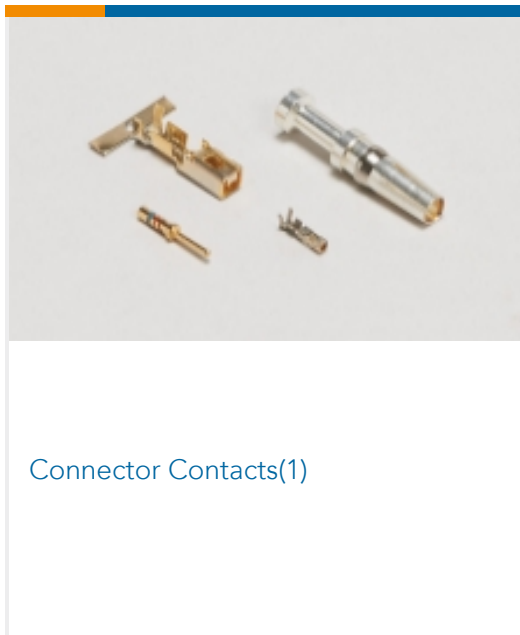
numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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 # 91579-1 CCII ECON POWER REC 20-16 ASSY</p>	 <p>TE Part # 1-1123722-1 3.96 EP PLUG HSG 11P(NATURAL)</p>	 <p>TE Part # 1-1123722-8 3.96 EP PLUG HSG 8P(NATURAL)</p>	 <p>TE Part # 1-1123722-9 3.96 EP PLUG HSG 9P(NATURAL)</p>
 <p>TE Part # 1-1123722-5 3.96 EP PLUG HSG 5P(NATURAL)</p>	 <p>TE Part # 1-1123722-0 3.96 EP PLUG HSG 10P(NATURAL)</p>	 <p>TE Part # 1-1123722-6 3.96 EP PLUG HSG 6P(NATURAL)</p>	 <p>TE Part # 1-1123722-2 3.96 EP PLUG HSG 2P(NATURAL)</p>
 <p>TE Part # 1-1123722-7 3.96 EP PLUG HSG 7P(NATURAL)</p>	 <p>TE Part # 1-1123722-4 3.96 EP PLUG HSG 4P(NATURAL)</p>	 <p>TE Part # 1-1123722-3 3.96 EP PLUG HSG 3P(NATURAL)</p>	 <p>TE Part # 2-1123722-4 3.96 EP PLUG HSG 4P(YELLOW)</p>
 <p>TE Part # 3-1123722-7 3.96 EP PLUG HSG 7P(BLUE)</p>	 <p>TE Part # 4-1123722-3 3.96 EP PLUG HSG 3P(RED)</p>	 <p>TE Part # 1-1123823-1 EP IP PLUG NATURAL</p>	 <p>TE Part # 5-1123722-7 3.96 EP PLUG HSG 7P(BLACK)</p>

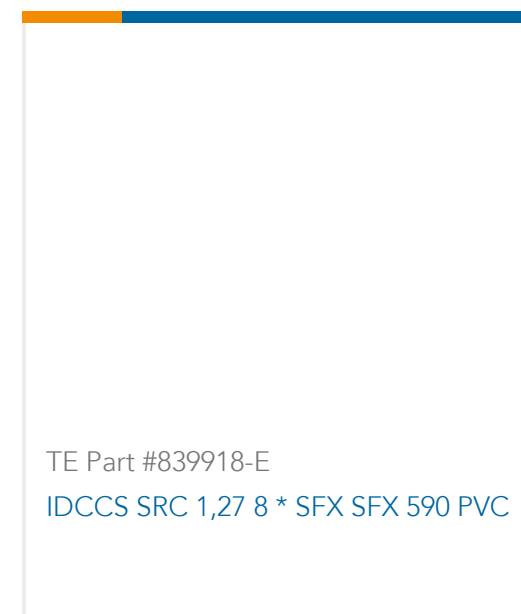
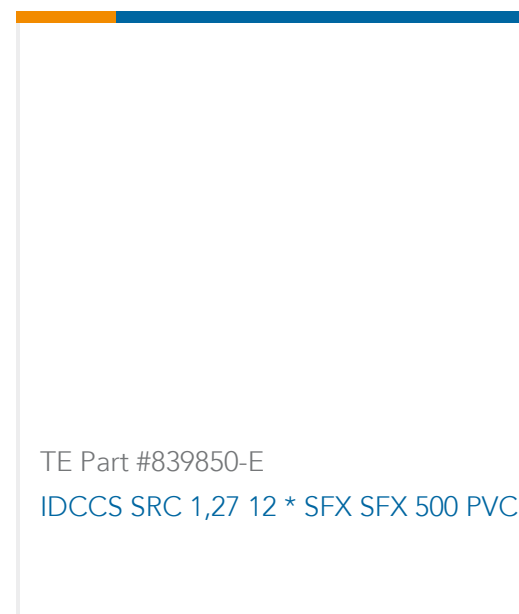
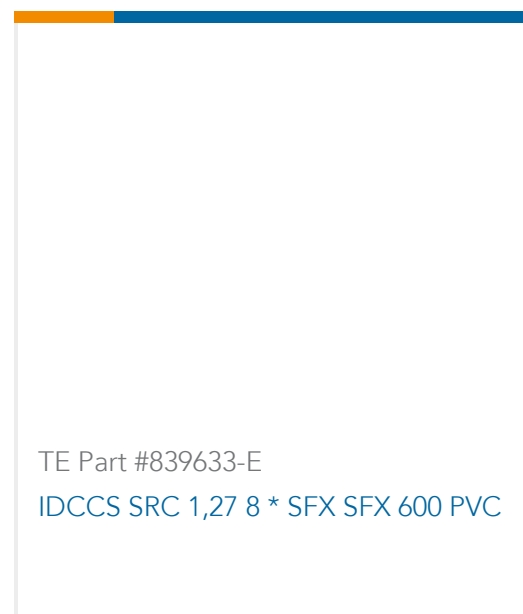


## Also in the Series | Economy Power



## Customers Also Bought





## Documents

### Product Drawings

#### EP CONN LP REC

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1318912-1\\_T.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1318912-1\\_T.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1318912-1\\_T.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1318912-1\\_E.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1318912-1\\_E.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1318912-1\\_E.2d\\_dxf.zip](#)

English

#### 3D PDF

English



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

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### Product Specifications

#### Application Specification

Japanese

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### Product Environmental Compliance

#### MD\_1318912-1\_12012017441\_dmtec

English

#### MD\_1318912-1\_12012017441\_dmtec

English