



AMP

TE Internal #: 193991-4

Silver (Ag), Pin Contact, 8 AWG, 600 VAC, 600 VDC, 8 mm<sup>2</sup> Wire, Retention Clip Contact Retention, Size 8, Discrete Wire, Crimp, Copper Alloy, Power

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Silver (Ag)**

Wire Contact Termination Area Plating Material: **Silver**

Operating Voltage: **600 VDC**

**Features**

**Product Type Features**

Discrete Wire Type	Solid or Stranded
Sealable	No

**Configuration Features**

Compatible With Wire & Cable Type	Discrete Wire
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**Electrical Characteristics**

Operating Voltage	600 VDC
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**Contact Features**

Barrel Type	Closed
Contact Type	Pin
Contact Mating Area Plating Material	Silver (Ag)
Wire Contact Termination Area Plating Material	Silver
Contact Retention Within Housing	With
Contact Size	Size 8
Contact Base Material	Copper Alloy



Contact Current Rating (Max)	60 A
Mating Pin Diameter	3.63 mm[.143 in]
Contact Mating Area Plating Material Thickness	5.08 μm[200 μin]
Contact Mating Area Plating Material Finish	Semi-Bright
Wire Contact Termination Area Plating Thickness	5.08 μm[200 μin]
Wire Contact Termination Area Plating Material Finish	Semi-Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 μm[50 μin]

### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

### Mechanical Attachment

Contact Retention Type Within Housing	Retention Clip
Wire Insulation Support	Without

### Dimensions

Wire Size	8 mm <sup>2</sup>
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### Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
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### Operation/Application

Circuit Application	Power
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### Industry Standards

Compatible With Agency/Standards Products	UL
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### Packaging Features

Packaging Quantity	1250
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	有害物质含量符合标准要求 No Restricted

	Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

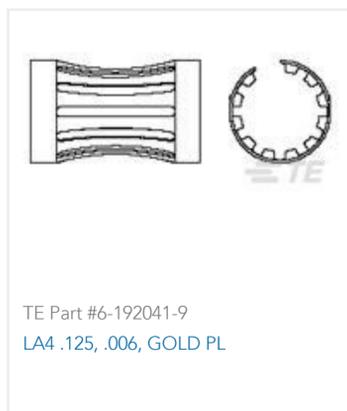
Product Compliance Disclaimer

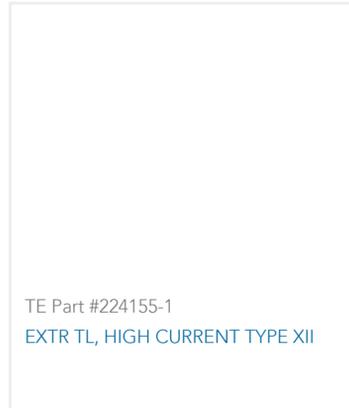
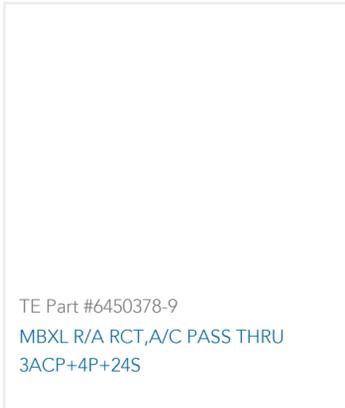
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



### Customers Also Bought





## Documents

### Product Drawings

#### PIN ASSY. TPE XII

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_193991-4\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_193991-4\\_B.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_193991-4\\_B.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_193991-4\\_D.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_193991-4\\_D.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_193991-4\\_D.3d\\_stp.zip](#)

English

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## Datasheets & Catalog Pages

[M\\_SERIES\\_PIN\\_AND\\_SOCKET\\_CONNECTORS](#)

English