



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 |
|-----------------------------------|---------------|

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 600 VDC |
|-------------------|---------|

Contact Features

|                                                       |                  |
|-------------------------------------------------------|------------------|
| Contact Underplating Material                         | Nickel           |
| Contact Orientation                                   | Straight         |
| Mating Pin Diameter                                   | 3.63 mm[.143 in] |
| Contact Underplating Material Thickness               | 1.27 µm[50 µin]  |
| Contact Mating Area Plating Material Thickness        | 5.08 µm[200 µin] |
| Wire Contact Termination Area Plating Material Finish | Semi-Bright      |
| Wire Contact Termination Area Plating Thickness       | 5.08 µm[200 µin] |



|                                                |              |
|------------------------------------------------|--------------|
| Barrel Type                                    | Closed       |
| Contact Mating Area Plating Material Finish    | Semi-Bright  |
| 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         |

Termination Features

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

Mechanical Attachment

|                                       |                |
|---------------------------------------|----------------|
| Wire Insulation Support               | Without        |
| Contact Retention Type Within Housing | Retention Clip |

Dimensions

|           |       |
|-----------|-------|
| Wire Size | 8 mm² |
|-----------|-------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 150 °C[-67 – 302 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

|                                           |    |
|-------------------------------------------|----|
| Compatible With Agency/Standards Products | UL |
|-------------------------------------------|----|

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 | No Restricted Materials Above Threshold |



|                                        |                                                                                                                               |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<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



TE Part # 356119-1  
POSITIONER TP1068S



TE Part # 356114-1  
CRIMPING TOOL M310



TE Part # 7-1579008-6  
UNLOCKING TOOL

Customers Also Bought



TE Part #208496-1  
CMC PLUG ASSEMBLY,SZ 22



TE Part #208479-1  
CMC RECEPTACLE ASSY,SIZE 28



TE Part #208478-1  
CMC PLUG ASSEMBLY,SZ 28



TE Part #208480-1  
CMC PLUG ASSEMBLY,SZ 28



TE Part #193990-2  
SKT ASSY,TYPE XII, #8 AWG

TE Part #211824-1  
CPC PLUG ASSEMBLY 23-13

TE Part #7-192041-4  
LAIV 0.15mm(.006) GOLD

TE Part #4-1630012-2  
HSC150 50R 5%

TE Part #52043-2  
TERMINAL R PG 4 10

TE Part #5-192041-0  
LAIV 0.12mm(.005) GOLD

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

193991-4

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



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

Datasheets & Catalog Pages  
M\_SERIES\_PIN\_AND\_SOCKET\_CONNECTORS  
English