



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin**

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

Operating Voltage: **250 VDC**

Features

Product Type Features

|          |    |
|----------|----|
| Sealable | No |
|----------|----|

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VDC |
|-------------------|---------|

Contact Features

|                                                       |                           |
|-------------------------------------------------------|---------------------------|
| Mating Pin Diameter                                   | 1.57 mm[.062 in]          |
| Wire Contact Termination Area Plating Thickness       | .4 – 3.5 µm[16 – 138 µin] |
| Wire Contact Termination Area Plating Material Finish | Bright                    |
| Contact Mating Area Plating Material Thickness        | .4 µm[16 µin]             |
| Contact Mating Area Plating Material Finish           | Semi-Bright               |
| Contact Orientation                                   | Straight                  |
| Barrel Type                                           | Open                      |
| Contact Type                                          | Pin                       |
| Contact Mating Area Plating Material                  | Tin                       |
| Wire Contact Termination Area Plating Material        | Tin                       |
| Contact Retention Within Housing                      | With                      |



|                              |         |
|------------------------------|---------|
| Contact Size                 | Size 16 |
| Contact Base Material        | Brass   |
| Contact Current Rating (Max) | 1.8 A   |

Termination Features

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

Mechanical Attachment

|                         |      |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Compatible Insulation Diameter Range | 1.27 – 2.79 mm[.05 – .11 in] |
| Wire Size                            | .3 – .9 mm <sup>2</sup>      |

Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -55 – 90 °C[-67 – 194 °F] |
|-----------------------------|---------------------------|

Operation/Application

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

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 1500        |
| Packaging Method   | Loose Piece |

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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<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 # 66592-1  
TYPE VI SKT CONT,M-MATE,LP

TE Part # 2844982-1  
CCII TYPE VI MLTIMATE PIN/SKT 22-18 ASSY

Also in the Series | AMP Type IV

Connector Contacts(52)

Customers Also Bought

TE Part #E52178-000  
RMW-85/25-1200/ADH-0

TE Part #1658612-1  
37 POS HDF RCPT, MS, LEAD FREE

TE Part #2-179694-3  
2MM CT MT REC ASSY 3P GRAY

TE Part #2-1879075-5  
Power Resistor: Aluminum Housed, 75 Watt



Documents

Product Drawings

TYPE VI PIN CONT,M-MATE,LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_66591-1\_J.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_66591-1\_J.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_66591-1\_J.3d\_stp.zip

English

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

Product Specifications

Application Specification

Japanese

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English