



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**  
Contact Mating Area Plating Material: **Tin (Sn)**  
Wire Contact Termination Area Plating Material: **Tin**  
Contact Size: **Size 16**  
Wire Size: **32 AWG**

Features

Contact Features

|                                                       |                  |
|-------------------------------------------------------|------------------|
| Contact Underplating Material                         | Nickel           |
| Contact Orientation                                   | Straight         |
| Mating Pin Diameter                                   | 1.6 mm[.063 in]  |
| Contact Underplating Material Thickness               | 1.27 µm[50 µin]  |
| Contact Mating Area Plating Material Thickness        | 2.54 µm[100 µin] |
| Wire Contact Termination Area Plating Material Finish | Bright           |
| Contact Shape & Form                                  | Square           |
| Wire Contact Termination Area Plating Thickness       | 2.54 µm[100 µin] |
| Contact Type                                          | Pin              |
| Contact Mating Area Plating Material                  | Tin (Sn)         |
| Wire Contact Termination Area Plating Material        | Tin              |
| Contact Size                                          | Size 16          |
| Contact Base Material                                 | Brass            |
| Contact Current Rating (Max)                          | 13 A             |



Termination Features

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

Mechanical Attachment

|                         |         |
|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|

Dimensions

|           |         |
|-----------|---------|
| Wire Size | .03 mm² |
|-----------|---------|

Usage Conditions

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

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Packaging Features

|                    |        |
|--------------------|--------|
| Packaging Quantity | 1000   |
| Packaging Method   | Carton |

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 # 6-66460-5  
PIN,.062 DIA,.025 SQ POST,LP

TE Part # 66460-1  
PIN,.062 DIA,.025 SQ POST,LP

TE Part # 6-66460-4  
PIN,.062 DIA,.025 SQ POST,LP

TE Part # 66460-2  
PIN,.062 DIA,.025 SQ POST,LP

TE Part # 5-66461-9  
SKT,.062 DIA,.025 SQ POST,LP

Also in the Series | AMP M Series

Board-to-Board Jumpers & Shunts(5)

Connector Caps & Covers(14)

Connector Hardware(47)

Connector Strain Relief(13)

PCB Headers & Receptacles(9)

Rack & Panel Connectors(1)

Rectangular Power Connectors(82)

Wire-to-Board Headers & Receptacles (1)

Customers Also Bought



TE Part #1676351-2  
RN 0805 48K7 0.1% 10PPM 1KRL

TE Part #3-1676480-7  
CRG0402 1% 240R

TE Part #8-103323-6  
36 MODII HDR SRRRA B/A .100CL LF

TE Part #1-2176340-9  
CRGCQ 0603 1K0 5%

TE Part #5413515-2  
JACK,DECOUPLER,RTANG,BNC PCB

TE Part #2-2176380-4  
RQ 0805 2K0 0.1% 10PPM 5K RL

TE Part #5536386-5  
ASSY,PIN,EUROCARD,TYPE B/2,LEA

TE Part #3-644456-3  
03P MTA100 HDR ASSY (NARROW)

TE Part #4-2176325-8  
CRGP 0402 82K 1%

TE Part #2-1614884-3  
CPF 0805 18R 0.1% 25PPM 1K RL

Documents

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_6-66460-6\_AR1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_6-66460-6\_AR1.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_6-66460-6\_AR1.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_6-66460-6\_BK.2d\_dxf.zip

English

Customer View Model



[ENG\\_CVM\\_CVM\\_6-66460-6\\_BK.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6-66460-6\\_BK.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

Signal Contacts

English

M\_SERIES\_PIN\_AND\_SOCKET\_CONNECTORS

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Autowire Contacts and Connectors

English