



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**  
Contact Mating Area Plating Material: **Tin-Lead**  
Wire Contact Termination Area Plating Material: **Tin-Lead**  
Contact Size: **Size 16**  
Wire Size: **32 AWG**

Features

Contact Features

|                                                       |                  |
|-------------------------------------------------------|------------------|
| Mating Pin Diameter                                   | 1.6 mm[.063 in]  |
| Contact Underplating Material Thickness               | 1.27 µm[50 µin]  |
| Wire Contact Termination Area Plating Thickness       | 2.54 µm[100 µin] |
| Wire Contact Termination Area Plating Material Finish | Bright           |
| Contact Mating Area Plating Material Thickness        | 2.54 µm[100 µin] |
| Contact Shape & Form                                  | Square           |
| Contact Orientation                                   | Straight         |
| Contact Underplating Material                         | Nickel           |
| Contact Type                                          | Pin              |
| Contact Mating Area Plating Material                  | Tin-Lead         |
| Wire Contact Termination Area Plating Material        | Tin-Lead         |
| 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                  | Not Compliant                                                                                                                                                                                                                                                                                                                                                                                                                 |
| EU ELV Directive 2000/53/EC                   | Not Compliant                                                                                                                                                                                                                                                                                                                                                                                                                 |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 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>SVHC > Threshold:<br>Pb (13% in Component Part)<br><b>Article Safe Usage Statements:</b><br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| 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 # 539972-1  
EXTRACTION TOOL

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

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

Also in the Series | AMP Type III+

Connector Contacts(409)

Insertion & Extraction Tools(4)

Customers Also Bought

TE Part #206043-1  
RECEPT,SZ 17-14 CPC

TE Part #81665-5  
ECONOSEAL, FLANGE GASKET

TE Part #5745172-2  
15 POS STRAIN RELIEF KIT

TE Part #350705-1  
UMNL SPLIT PIN 20-14 PTPBR L/P

TE Part #1-1703062-2  
CAP, 2 CIRCUIT , UNIVERSAL MATE-  
N-LOK

TE Part #4-1393249-1  
W58-XC4C12A-15=W58

TE Part #1-1437624-8  
PKAP50B1/4=KNOB PLASTIC W/POIN

TE Part #DTM04-08PB  
REC, 8P, BLK, N, B



TE Part #0462-209-16141  
SOC, SOLID, SIZE 16, 14AWG, NI

Documents

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_66460-1\_AR1.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_66460-1\_AR1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_66460-1\_AR1.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_66460-1\_BK.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_66460-1\_BK.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_66460-1\_BK.3d\_stp.zip

English

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

Instruction Sheets

Instruction Sheet (U.S.)

English

Autowire Contacts and Connectors

English