# 1766663-2 ✔ ACTIVE

ICCON

TE Internal #: 1766663-2

Silver (Ag), Pin Contact, 250 VAC, 250 VDC, Copper Alloy, Power, -40 – 105 °C [-40 – 221 °F], ICCON

View on TE.com >

Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

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

Operating Voltage: **250 VDC**

Contact Retention Within Housing: **Without**

## Features

### Electrical Characteristics

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

### Contact Features

| | |
|---|---|
| Contact Fabrication | Solid |
| PCB Contact Termination Area Plating Material Thickness | 5.08 – 7.62 µm[200 – 300 µin] |
| PCB Contact Termination Area Plating Material | Silver |
| Contact Type | Pin |
| Contact Mating Area Plating Material | Silver (Ag) |
| Contact Retention Within Housing | Without |
| Contact Base Material | Copper Alloy |
| Contact Current Rating (Max) | 35 A |
| Mating Pin Diameter | 3.17 mm[.125 in] |
| Contact Mating Area Plating Material Thickness | 5.08 µm[200 µin] |
| Wire Contact Termination Area Plating Material Finish | Bright |
| Contact Orientation | Straight |
| Contact Underplating Material | Nickel |
| Contact Underplating Material Thickness | 50 µm[1.27 µin] |

### Termination Features

| | |
|---|---|
| Termination Method to PCB | Through Hole - Screw |
| Product Terminates To | Printed Circuit Board |

### Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |

### Operation/Application

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

### Industry Standards

| | |
|---|---|
| Compatible With Agency/Standards Products | UL |
| UL Flammability Rating | UL 94V-0 |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 200 |
| Packaging Method | Box & Tray, Tray |

## Product Compliance

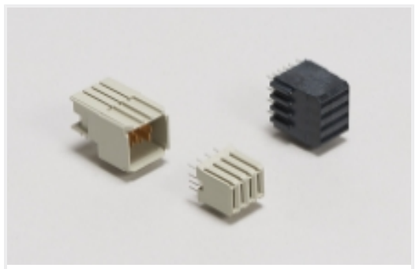
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
| 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>SVHC > Threshold:<br>Pb (3.7% in 74019790)<br>**Article Safe Usage Statements:**<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 < 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

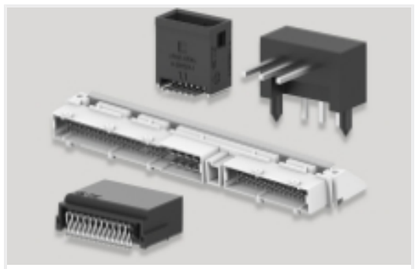
## Also in the Series | ICCON



Backplane Power Connectors(2)



Connector Contacts(2)



PCB Headers & Receptacles(5)



Power Contacts(2)



Power Terminals(3)

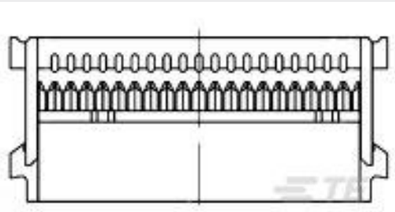


Rectangular Power Connectors(5)

## Customers Also Bought



TE Part #826646-2
AMPMODU II R/A HEADER



TE Part #1658526-4
609-1030LF FEM SOCKT,LEAD FREE



TE Part #7-1879128-8
RN 0402 1K0 0.1% 10PPM 5K RL



TE Part #7-1879208-3
CPF 0402 10K 0.1% 25PPM 1K RL



TE Part #7-1879215-2
CPF 0402 25K5 0.1% 25PPM 1K RL

## Documents

### Product Drawings

ICCON PIN, 18MM, M3.5 EXT THREAD

English

### CAD Files

3D PDF

3D

### Customer View Model

ENG_CVM_CVM_1766663-2_B.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_1766663-2_B.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_1766663-2_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

## Datasheets & Catalog Pages

POWER_CONNECTORS_CATALOG_SEC01_BOARD_TO_BOARD

English

## Product Specifications

### Application Specification

English