1766663-1 ✔ ACTIVE

ICCON

TE Internal #: 1766663-1

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]
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

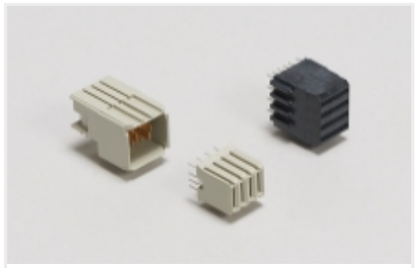
For compliance documentation, visit the product page on TE.com>

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) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (3.7% in 74019790) **Article Safe Usage Statements:** 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

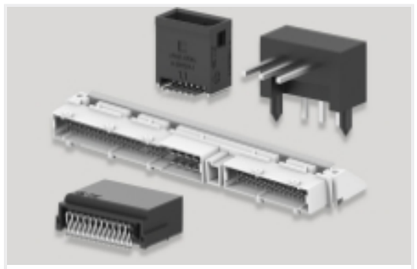
Also in the Series | ICCON



Backplane Power Connectors(2)



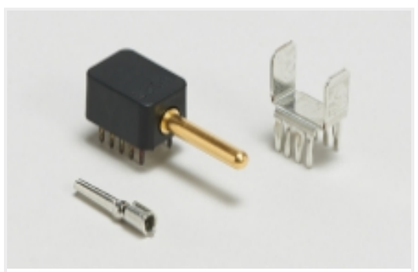
Connector Contacts(2)



PCB Headers & Receptacles(5)



Power Contacts(2)



Power Terminals(3)



Rectangular Power Connectors(5)

Customers Also Bought



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



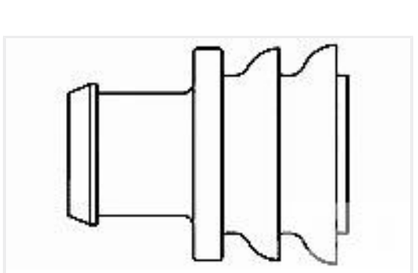
TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

Product Drawings

ICCON PIN, 16MM, M3.5 EXT THREAD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1766663-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1766663-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1766663-1_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

1-1773718-4_POWER_CONNECTORS_QRG_CN

1-1773718-5_POWER_CONNECTORS_QRG_TCN

1-1773718-6_POWER_CONNECTORS_QRG_JA

Japanese

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English