



ICCON

TE Internal #: 1766663-1

Pin Contact, Silver, 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**

Operating Voltage: **250 VDC**

Contact Retention Within Housing: **Without**

Features

Industry Standards

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

Packaging Features

Packaging Quantity	200
Packaging Method	Tray, Box & Tray

Termination Features

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

Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	3.17 mm[.125 in]
Contact Underplating Material Thickness	50 µm[1.27 µin]
Contact Fabrication	Solid
Contact Mating Area Plating Material Thickness	5.08 µm[200 µin]
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



Contact Retention Within Housing	Without
----------------------------------	---------

Contact Base Material	Copper Alloy
-----------------------	--------------

Contact Current Rating (Max)	35 A
------------------------------	------

Electrical Characteristics

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

Usage Conditions

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

Operation/Application

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

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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	<p>Current ECHA Candidate List: JUNE 2024 (241)</p> <p>Candidate List Declared Against: JUNE 2024 (241)</p> <p>SVHC > Threshold:</p> <p>Pb (3.7% in Component Part)</p>
--	--

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.

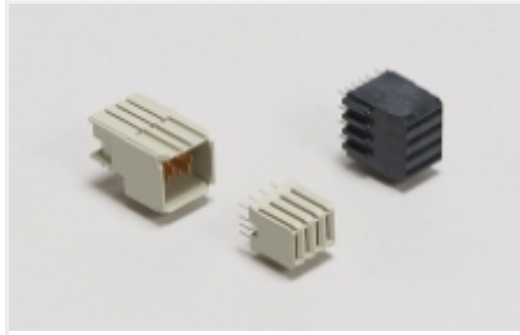
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
-----------------	---

Solder Process Capability	Not applicable for solder process capability
---------------------------	--

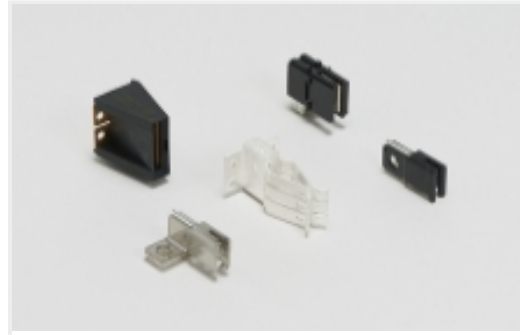
Product Compliance Disclaimer

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>

Also in the Series | ICCON



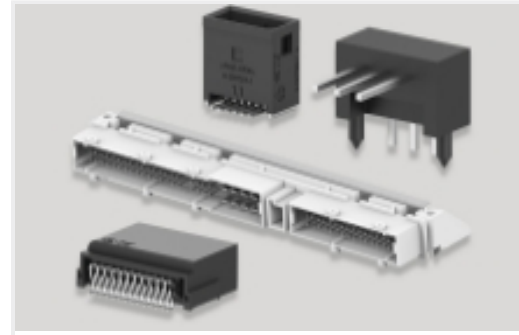
Backplane Power Connectors(2)



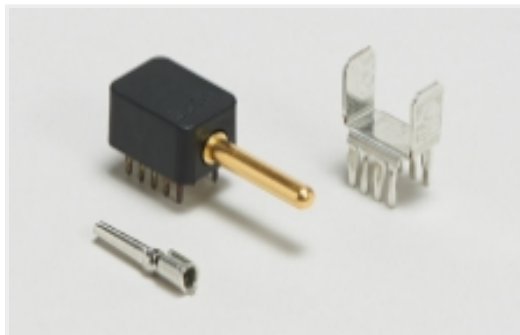
Busbar Connectors(3)



Connector Contacts(2)



PCB Headers & Receptacles(8)



Power Terminals(3)

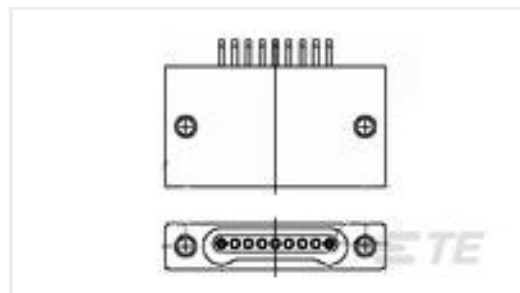
Customers Also Bought



TE Part #2102061-3
Mezalok, Socket, 114 p, 12 mm, 50 Au, TL



TE Part #207684-1
AMPLIMITE,SKT CONT,SZ 22



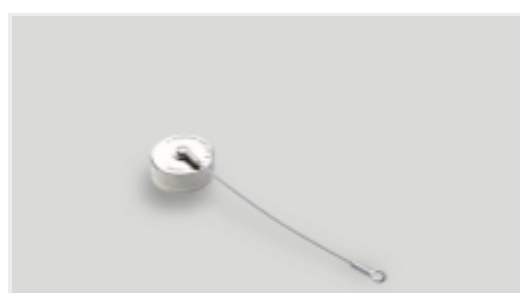
TE Part #1589462-3
SSG051L2AQ = SMT CONN



TE Part #1469025-1
HM-ZD 2PR HDR 40P 2.5MM



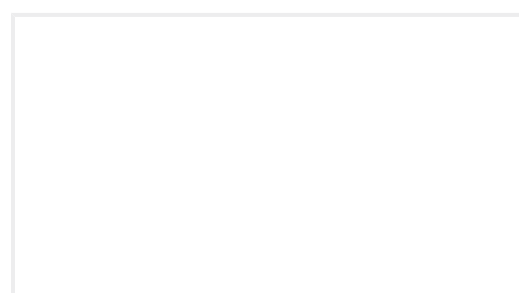
TE Part #1766262-1
CONTACT,PIN,#8,PC



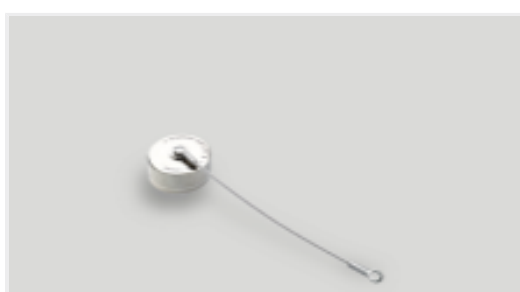
TE Part #YDTS33T21NV0010000
CAP ASSEMBLY



TE Part #6643220-1
SLIMLINE,ICCON,SKT,ASSY



TE Part #699055-000
CTA-0036



TE Part #YDTS33T15NV0010000
CAP ASSEMBLY

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

[2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English