



ICCON | ICCON Insert

TE Internal #: 1-2361483-1

ICCON Insert, Bus Bar Connectors, Bus Bar-to-Bus Bar, 1 Position, Bus Bar, Mating Alignment, Bus Bar Connector Mounting Retention With

[View on TE.com >](#)

Connectors > Power Connectors > Power Bus Bar Connectors > Bus Bar Connectors



Connector System: **Bus Bar-to-Bus Bar**

Number of Positions: **1**

Connector & Contact Terminates To: **Bus Bar**

Mating Alignment: **With**

Bus Bar Connector Mounting Retention: **With**

Features

Product Type Features

Product Type	Socket
Connector System	Bus Bar-to-Bus Bar
Connector & Contact Terminates To	Bus Bar
Connector & Housing Type	Receptacle

Configuration Features

Number of Positions	1
Mating & Unmating Configuration	Normal

Electrical Characteristics

Operating Voltage	48 VAC
Operating Voltage Reference	AC/DC
Voltage Rating	48 VDC
Voltage Drop	.1 mV

Body Features

Bus Bar Contact Plating Material	Gold
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Contact Features

Contact Transmits (Typical)	Power
Underplate Material Thickness	1.27 μm [50 μin]
Contact Design	Multiple Contact Band/CROWN BAND
Contact Plating Thickness	.76 μm [30 μin]
Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy C7025
Contact Current Rating (Max)	200 A
Contact Length	4 mm[.157 in]
Bus Bar Contact Size	8.0mm
Bus Bar Contact Style	CROWN BAND

Mechanical Attachment

Mating Alignment Type	Blindmate
Mating Alignment	With
Bus Bar Connector Mounting Retention	With
Bus Bar Mount Retention Type	Swage Mount
Bus Bar Mount Orientation	Vertical

Dimensions

Height	10 mm[.394 in]
PCB Thickness (Recommended)	1.5 – 2 mm[.06 – .079 in]
Length	19.5 mm[.768 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C
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Operation/Application

Circuit Application	Power
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Industry Standards

Agency/Standard	UL
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Packaging Features

Packaging Method	Bag/Box
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)



EU RoHS Directive 2011/65/EU	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Not reviewed for China RoHS compliance
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

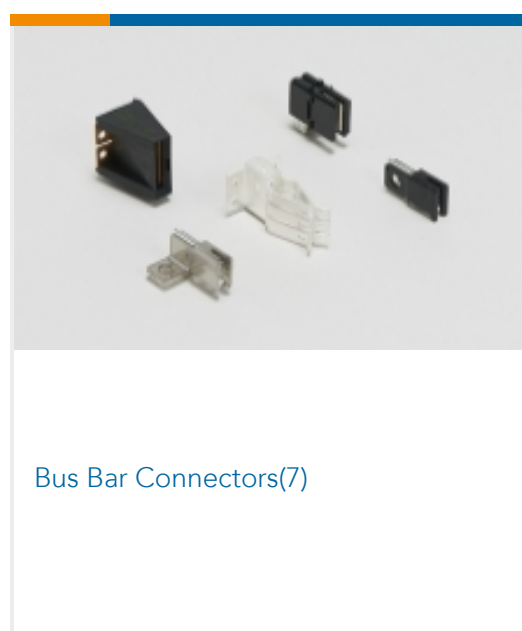
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



Also in the Series | ICCON Insert



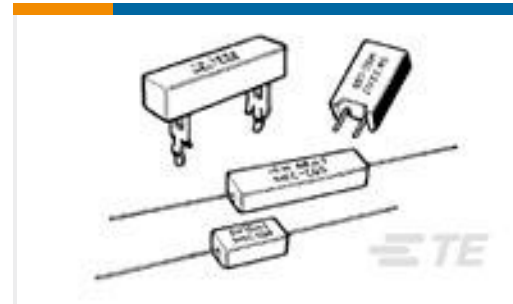
Customers Also Bought



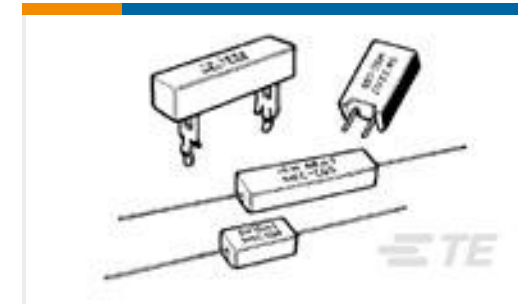
TE Model / Part #6648239-1
JUMPER, CRN SKT



TE Model / Part #6648224-1
PIN CONTACT#4, SCREW MT, PRESS FIT



TE Model / Part #1623787-1
SQM3 10R 5% (WIRE)



TE Model / Part #1623804-8
SQZ10 3R3 5% WIRE



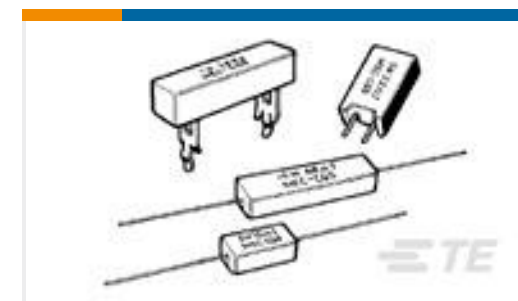
TE Model / Part #2-1393779-4
V23101D 102A201



TE Model / Part #7-1879126-7
RN 0402 205R 0.1% 10PPM 1K RL



TE Model / Part #2820332-2
C/A, INTERNAL HD MSAS, 100 OHM, STR-R/A



TE Model / Part #1-1623803-0
SQZ7 4K7 5% (METAL FILM)



TE Model / Part #2198234-2
SFP+ Enhanced 1x4, SAN Heatsink, LP

Documents

Product Drawings

ICCON INSERT 8.0 SOCKET FLOAT PRESSFIT

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-2361483-1_2.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2361483-1_2.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2361483-1_2.3d_stp.zip](#)

English

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Product Specifications

English