



Connectors > Power Connectors > Busbar Connectors



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

Number of Positions: **1**

Connector & Contact Terminates To: **Printed Circuit Board, Bus Bar**

Mating Conductor Thickness: **3.17 mm [ .125 in ]**

Housing Material: **Stainless Steel**

Features

Industry Standards

Compatible With Agency/Standards Products	UL
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Electrical Characteristics

Operating Voltage	15 VDC
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Dimensions

Product Width	31.8 mm[1.25 in]
Product Length	50.9 mm[2 in]
Connector Height	25.8 mm[1.01 in]

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]
Mating Tab Width	19.58 mm[.77 in]
Contact Shape & Form	3-Beam
Mating Tab Thickness	3.18 mm[.125 in]
Contact Base Material	Copper Alloy



Contact Current Rating (Max)	500 A
Contact Length	30.37 mm[1.96 in]
Bus Bar Contact Style	Socket

Mechanical Attachment

Mating Alignment Type	Blindmate
Mating Alignment	With
Bus Bar Connector Mounting Retention	With
PCB Mount Retention Type	Mounting Hole With Clinch Nuts
Connector Mounting Type	Board Mount

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Board-to-Bus Bar
Connector & Contact Terminates To	Printed Circuit Board, Bus Bar

Configuration Features

Number of Positions	1
PCB Mount Orientation	Right Angle
Mating & Unmating Configuration	Hot Pluggable

Body Features

Bus Bar Contact Plating Material	Silver
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Termination Features

Termination Method to PCB	Through Hole - Screw
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Housing Features

Housing Material	Stainless Steel
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Method	Bag & Box
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Other

Mating Conductor Thickness	3.17 mm[.125 in]
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EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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

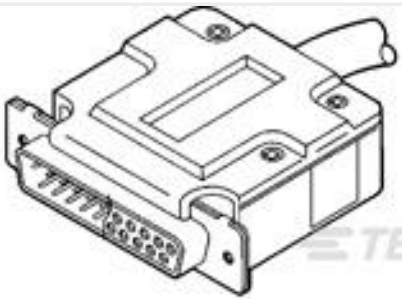


Customers Also Bought







TE Part #1-1415898-9  
RTS3L012




TE Part #207473-1  
CABLE CLAMP KIT,SZ 4



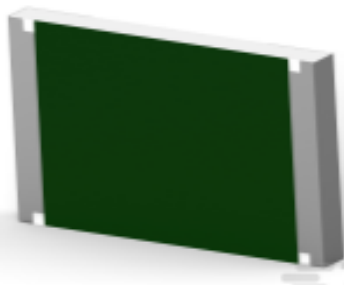
TE Part #1650589-1  
903-19-02113=SCREW,SHOULDER,M4




TE Part #52042-2  
TERMINAL,R PG 6 8




TE Part #1825516-1  
MSP103B04




TE Part #2176406-1  
3560 1R0 1%




TE Part #2-1623772-9  
C7 27K 5% AMMO PK



TE Part #1622210-1  
LR0204 1% 2K4



TE Part #6-1768034-2  
LKZ12B4



TE Part #1648115-1  
222-0010-01100=SA CONN,SKT

Documents

Product Drawings  
PLUGGABLE BUSBAR CONNECT W/CLINCH NUTS  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_2212011-1\_A.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_2212011-1\_A.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_2212011-1\_A.3d\_stp.zip  
English

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

Product Specifications



Application Specification

English

Agency Approvals

UL Report

English

UL Report

English