



Connectors > Power Connectors > Busbar Connectors



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

Number of Positions: **1**

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

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

Housing Material: **Stainless Steel**

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

Operating Voltage	15 VDC
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Body Features

Bus Bar Contact Plating Material	Silver
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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

Termination Features

Termination Method to PCB	Through Hole - Screw
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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

Housing Features

Housing Material	Stainless Steel
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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]

Usage Conditions

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

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	UL
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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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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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 #1650162-2
701-65-02109=CONTACT,PIN,#20




TE Part #52948
PG SP SPD 22-16COMM22-18MIL 5



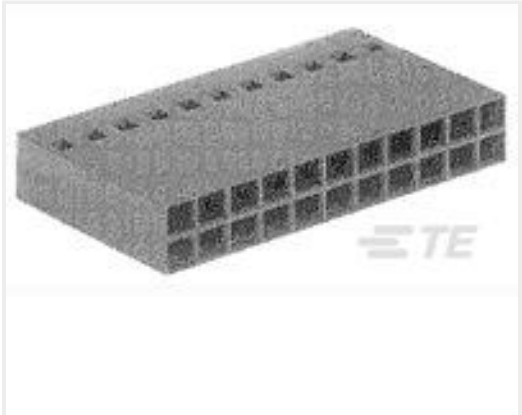
TE Part #1650153-2
701-12-02109=CONTACT,PIN,#12



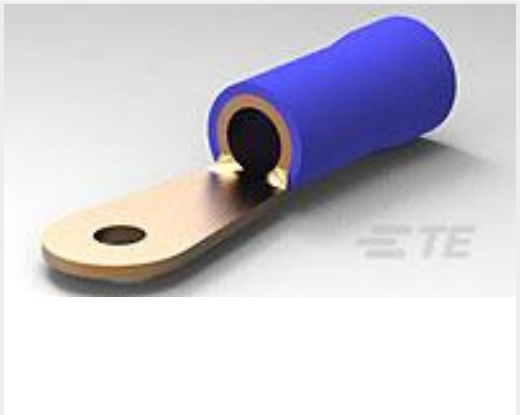
TE Part #6-2176611-9
EP 2W (SS) 680R 5%



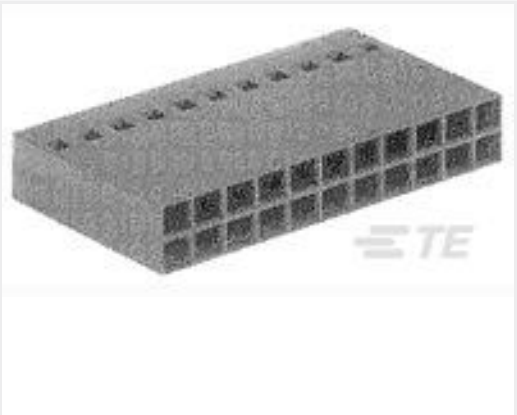
TE Part #87666-2
MOD IV RECP PLTD 30 SEL




TE Part #104482-8
18 SHORT PT RCPT HSG DR .100CL




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



TE Part #104482-4
10 SHORT PT RCPT HSG DR .100CL



TE Part #1650155-1
701-14-02109=CONTACT,PIN,#20



TE Part #601967-2
POSITIONER M22520/1-02

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