

CROWN CLIP

TE Internal #: 2178531-1

Board-to-Bus Bar, 1 Position, Printed Circuit Board, Thermoplastic, Black, Swage Mount, Tray, Right Angle, Vertical, Copper Alloy, Busbar Connectors

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Connectors > Power Connectors > Busbar Connectors



Connector System: **Board-to-Bus Bar**
Number of Positions: **1**
Connector & Contact Terminates To: **Printed Circuit Board**
Mating Conductor Thickness: **3 mm [.118 in]**
Housing Material: **Thermoplastic**

Features

Product Type Features

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

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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Contact Features

Contact Base Material	Copper Alloy
Contact Current Rating (Max)	170 A
Contact Length	28.1 mm[1.106 in]
Bus Bar Contact Style	Socket



Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Mating Alignment	Without
Bus Bar Connector Mounting Retention	Without
PCB Mount Retention Type	Retention Solder Tails
Bus Bar Mount Retention Type	Swage Mount
Bus Bar Mount Orientation	Vertical
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Thermoplastic
Housing Color	Black

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Method	Tray
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Other

Mating Conductor Thickness	3 mm[.118 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	Not Low Halogen - contains Br or Cl > 900 ppm.



Solder Process Capability

Wave solder capable to 240°C

Product Compliance Disclaimer

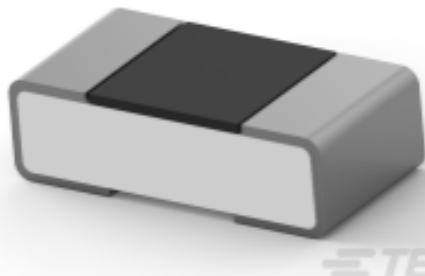
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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




TE Part # 2178531-4
[Crown Clip Junior AG Plating Reflow](#)

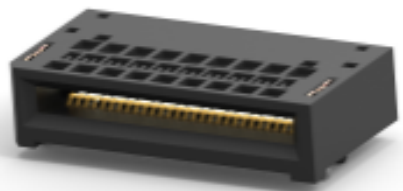
Customers Also Bought




TE Part #4-2176364-3
[RQ 0402 12K7 0.1% 10PPM 5K RL](#)



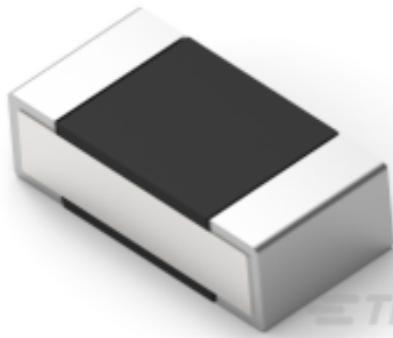
TE Part #1-5745968-5
[25 PLUG SP/FMS SCRLK](#)




TE Part #2327672-1
[RECEPT ASSY, RA, 56 POS, SLIVER 2.0](#)




TE Part #9-1415006-1
[RTH34012](#)




TE Part #2176308-7
[RP 1E 0.1W 154K 0.1% 25PPM 5K RL](#)



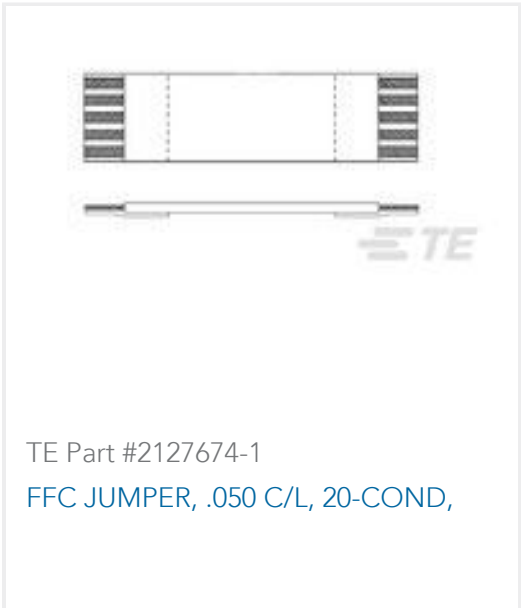
TE Part #521632-2
[ULTRA-POD 250 ASSY REC 18-14 AWG TPBR](#)



TE Part #5223986-1
[UPM KEYED GUIDE MODULE](#)



TE Part #2309407-2
[DDR4 SODIMM 260P 4.0H STD](#)



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2178531-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2178531-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2178531-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Busbar Power Brochure

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English