2178410-1 ✔ ACTIVE

CROWN CLIP

TE Internal #: 2178410-1

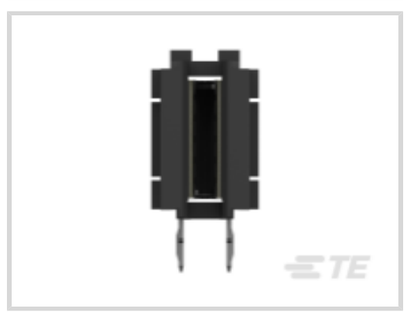
Busbar Connectors, Board-to-Bus Bar, 2 Position, Printed Circuit Board, Black, Tray, Right Angle, Copper Alloy, Hot Pluggable, Power, Board Mount

View on TE.com >

Connectors > Power Connectors > Busbar Connectors







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

Number of Positions: **2**

Connector & Contact Terminates To: **Printed Circuit Board**

Mating Conductor Thickness: **3 mm [.118 in]**

Housing Color: **Black**

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	2
PCB Mount Orientation	Right Angle
Mating & Unmating Configuration	Hot Pluggable

Body Features

Bus Bar Contact Plating Material	Tin

Contact Features

Mating Tab Width	14.95 mm[.588 in]
Mating Tab Thickness	3 mm[.118 in]
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 Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Alignment	Without
Bus Bar Connector Mounting Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Housing Color	Black

Usage Conditions

Operating Temperature Range	-65 - 105 °C[-85 - 221 °F]

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Method	Tray

Other

Mating Conductor Thickness	3 mm[.118 in]

Product Compliance

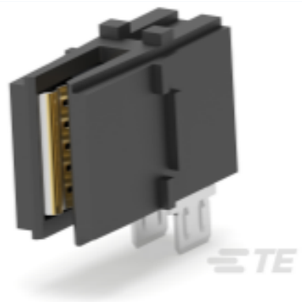
For compliance documentation, visit the product page on TE.com>

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 260°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

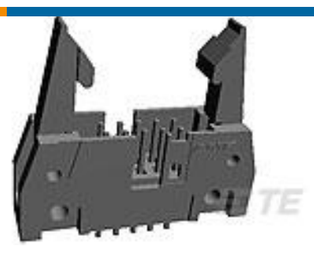
Compatible Parts



TE Part # 2178531-4
Crown Clip Junior AG Plating Reflow

Customers Also Bought

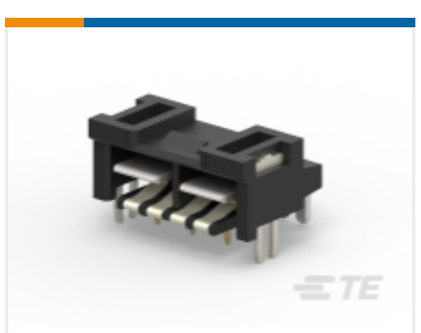
TE Part # 1-1123309-2
DYNAMIC D-5 HDR H ASSY 4P XX



TE Part # 5499910-5
A/L UNIV HDR 24P VERT SHT LAT

TE Part # 2057592-2
CFP Guide Rail

TE Part # 6469076-1
HM-ZD 2PR HDR ASSY 1.8MM



TE Part # 1982295-1
ELCON MINI 2P RA HEADER, W /CODING

TE Part # 292215-5
MINI CT SGL RELAY 5P NAT

TE Part # 3-292207-8
MINI CT SGL DIP V 18P BLACK

TE Part # 1658622-5
24 NOVO MIL/CTR 30DP,LEAD FREE

TE Part # 2-292207-3
MINI CT SGL DIP V 3P BLACK

TE Part # 8-292129-2
SGL HDR ASSY BOX DIP H W/KINK

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2178410-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2178410-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2178410-1_A.3d_stp.zip

English

Datasheets & Catalog Pages

Busbar Power Brochure

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English