

CROWN CLIP Junior

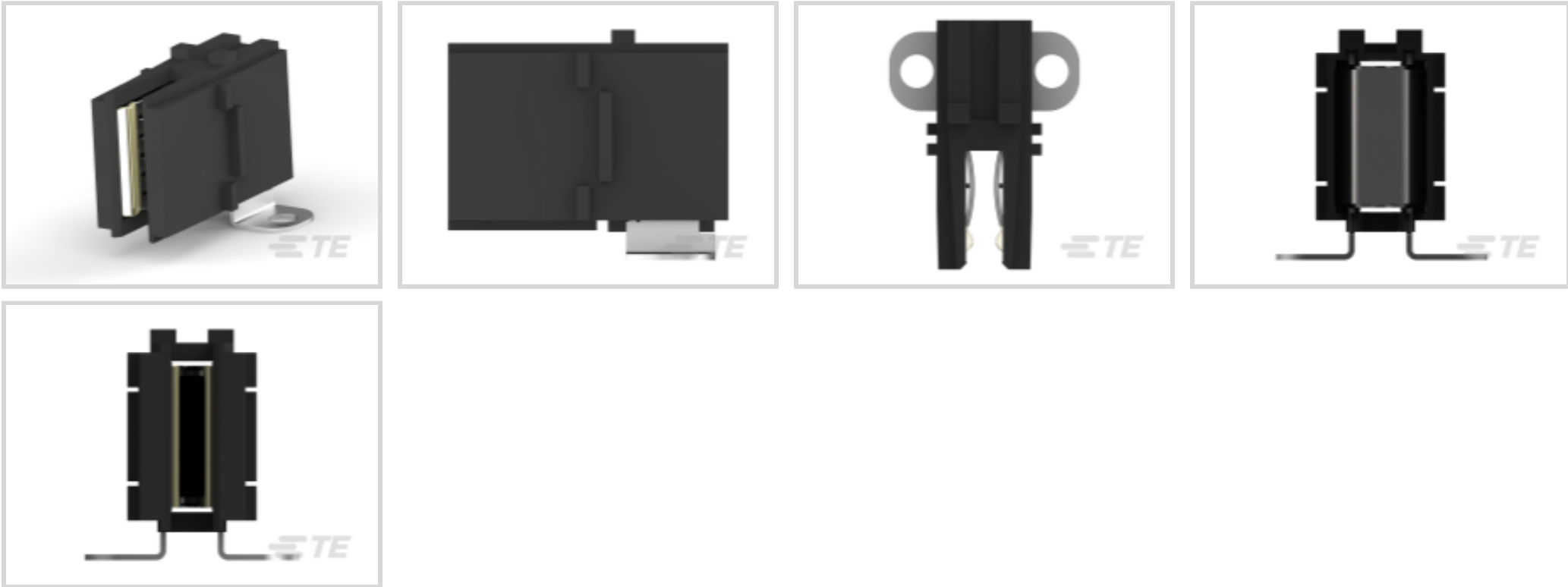
TE Internal #: 1982995-1

Board-to-Bus Bar, 2 Position, Bus Bar / Printed Circuit Board,
Thermoplastic, Black, Mating Alignment, CROWN CLIP Junior,
Busbar Connectors

[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, Bus Bar**
Mating Conductor Thickness: **3 mm [.118 in]**
Housing Material: **Thermoplastic**

Features

Product Type Features

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

Configuration Features

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

Other

Mating Conductor Thickness	3 mm[.118 in]
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Housing Features

Housing Material	Thermoplastic
Housing Color	Black



Mechanical Attachment

Mating Alignment	With
Bus Bar Connector Mounting Retention	With
PCB Mount Retention Type	Mounting Ears, Mounting Hole
Connector Mounting Type	Board Mount
Mating Alignment Type	Blindmate

Packaging Features

Packaging Method	Box & Carton, Box & Tray
------------------	--------------------------

Contact Features

Contact Base Material	Copper Alloy
Contact Current Rating (Max)	170 A
Contact Length	31.4 mm[.123 in]
Bus Bar Contact Style	Socket
Contact Shape & Form	Multiple Contact Point
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 μm[50 μin]
Contact Mating Area Plating Material Thickness	3 μm[118 μin]

Body Features

Bus Bar Contact Plating Material	Tin
----------------------------------	-----

Operation/Application

Circuit Application	Power
---------------------	-------

Termination Features

Termination Method to PCB	Through Hole - Screw
---------------------------	----------------------

Usage Conditions

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

Electrical Characteristics

Operating Voltage	48 VDC
-------------------	--------

Dimensions

Product Width	24 mm[.945 in]
Product Length	31.4 mm
PCB Thickness (Recommended)	1 – 5 mm[.039 – .197 in]



Connector Height

24.27 mm[.956 in]

Industry Standards

Compatible With Agency/Standards Products	UL
---	----

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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

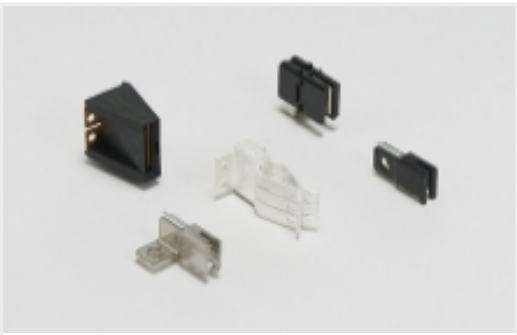
Product Compliance Disclaimer

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



Also in the Series | CROWN CLIP Junior



Busbar Connectors(2)

Customers Also Bought

TE Part #2102772-1
DC, 7Row, Half Left End, MULTIGIG RT 2R

TE Part #1-6450869-4
V/R 2ACP+1LP+32S+3HDP+1LP+1P

TE Part #2102735-1
BP, Half Left End, MULTIGIG RT 2R

TE Part #2102736-1
BP, Center, MULTIGIG RT 2R

TE Part #2102737-1
BP, Right End, MULTIGIG RT 2R

TE Part #1888251-2
Low Profile,RJ45,1x4,Bi-Color

TE Part #104742-2
PLUGGABLE BUSBAR 062F2 POWER CONNECTOR

TE Part #284094-6
TERMI-BLOK PCB MOUNT 90, 5,08M

TE Part #2204700-1
Crown Clip Senior 420A Power Connector

Documents

Product Drawings

CROWN CLIP JUNIOR SCREW-MOUNT CONN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1982995-1_A4.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1982995-1_A4.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1982995-1_A4.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[POWER_CONNECTORS_CATALOG_SEC05_BUSBAR](#)

English

Busbar Power Brochure

English

[CROWN CLIP JUNIOR Direct Power Connection for Bus Bars Catalog 1654261-8](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English