

1551953-1 ✓ ACTIVE



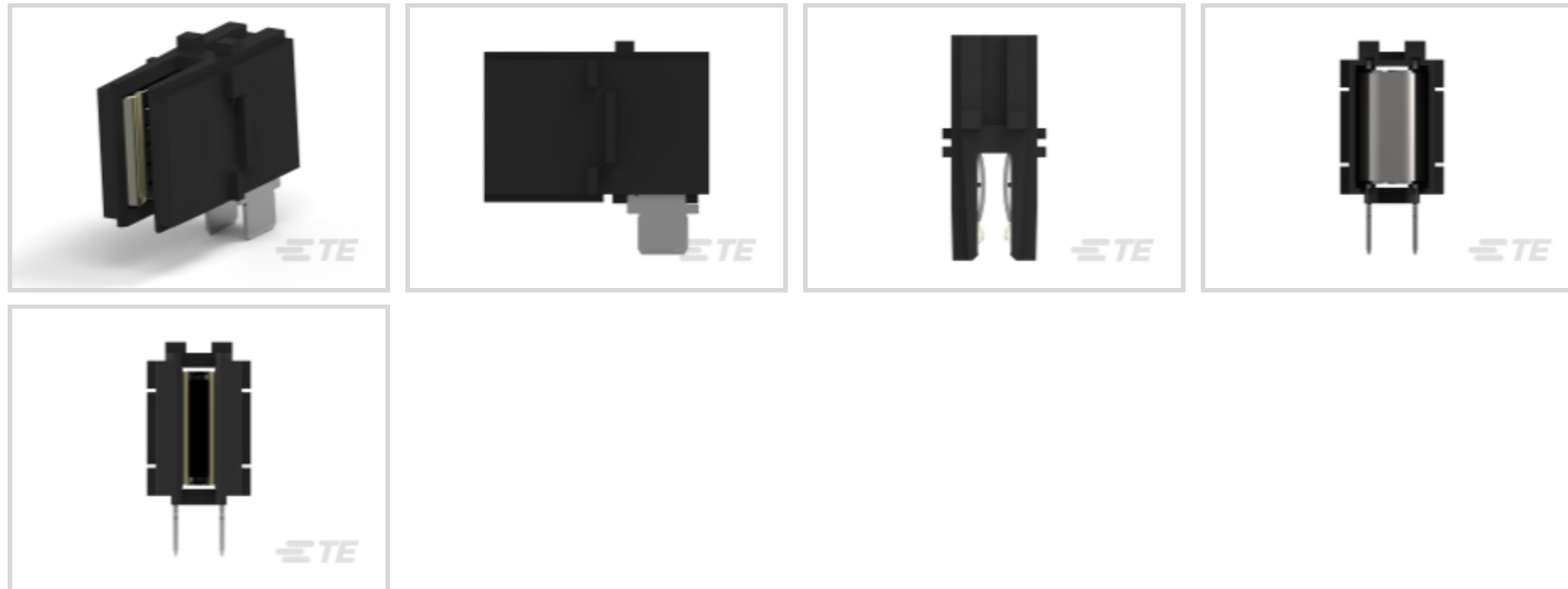
CROWN CLIP Junior

TE Internal #: 1551953-1

Busbar Connectors, Board-to-Bus Bar, 2 Position, Bus Bar, Thermoplastic, Black, Mating Alignment, Box & Carton / Tray, Right Angle, CROWN CLIP Junior

[View on TE.com >](#)

Connectors > Power Connectors > Power Busbar Connectors > Busbar Connectors



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

Number of Positions: **2**

Sealable: **No**

Connector & Contact Terminates To: **Bus Bar**

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

Features

Product Type Features

Product Type	Connector
Connector System	Board-to-Bus Bar
Sealable	No
Connector & Contact Terminates To	Bus Bar
Connector & Housing Type	Receptacle

Configuration Features

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

Electrical Characteristics

Operating Voltage	600 VAC
Operating Voltage Reference	DC

Body Features

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



Contact Features

Contact Transmits (Typical)	Power
Underplate Material Thickness	1.27 μm [50 μin]
Contact Design	Multiple Contact Band/CROWN BAND
Contact Plating Thickness	3 μm [118 μin]
Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	170 A
Contact Length	31.4 mm[1.23 in]
Bus Bar Contact Style	Socket

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
---	-----------------------

Mechanical Attachment

Mating Alignment Type	Blindmate
Mating Alignment	With
Bus Bar Connector Mounting Retention	With
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Thermoplastic
Housing Color	Black

Dimensions

Height	28.25 mm[1.112 in]
PCB Thickness (Recommended)	1.5 – 2 mm[.06 – .079 in]
Length	31.4 mm
Width	12 mm[.472 in]
Tail Length	5.68 mm[.224 in]

Usage Conditions

Operating Temperature Range	-55 – 105 $^{\circ}\text{C}$ [-67 – 221 $^{\circ}\text{F}$]
-----------------------------	--

Operation/Application

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

Industry Standards

--	--



Agency/Standard	UL
-----------------	----

Packaging Features

Packaging Method	Box & Carton, 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: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 240°C

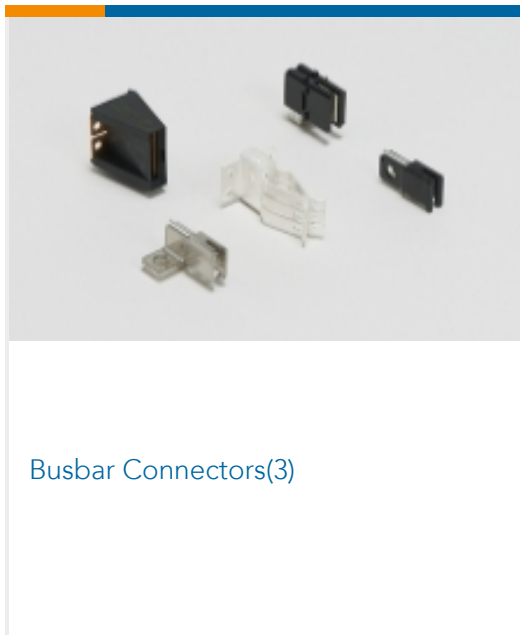
Product Compliance Disclaimer

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



Also in the Series | **CROWN CLIP Junior**



Customers Also Bought



Documents

Product Drawings

Pluggable busbar assembly

English

CAD Files

Customer View Model

ENG_CVM_CVM_1551953-1_A.2d_dxf.zip



English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1551953-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1551953-1_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

Product Environmental Compliance

[MD_1551953-1_052120181421_dmtec](#)

English

[MD_1551953-1_052120181421_dmtec](#)

English

Agency Approvals

[UL Report](#)

English