

1551953-1 ✓ ACTIVE



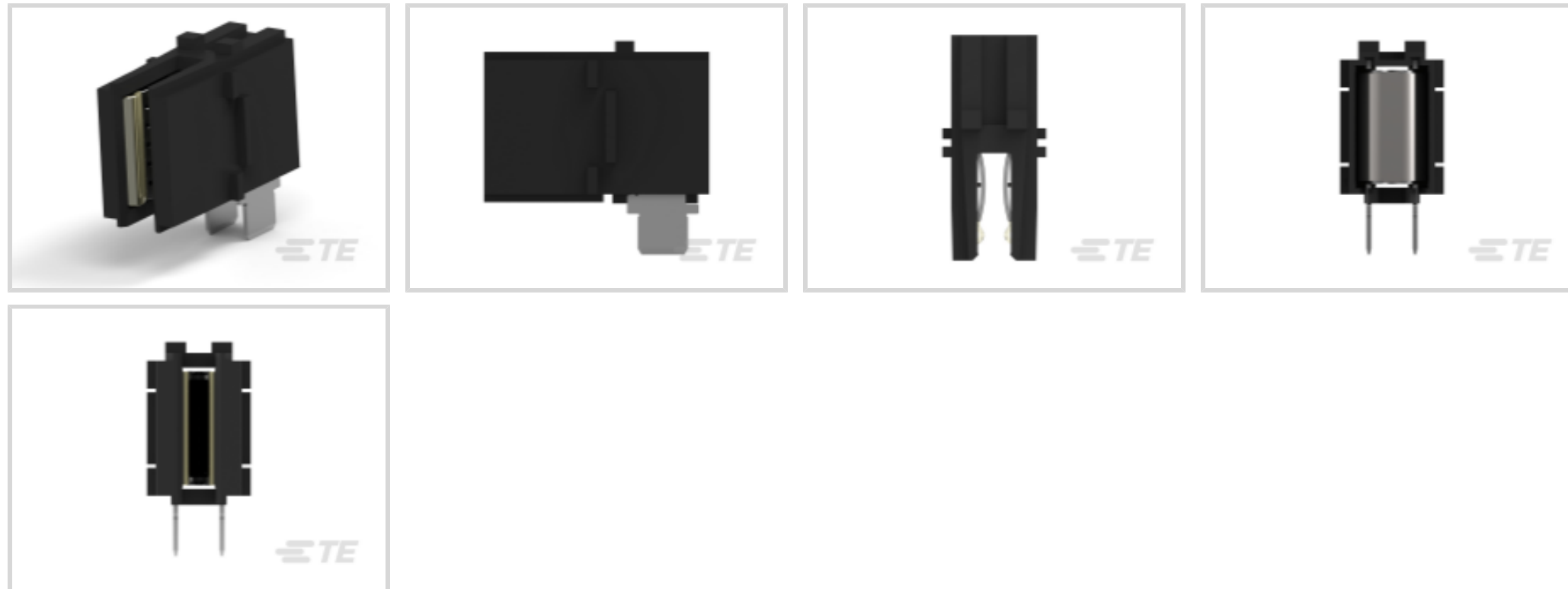
CROWN CLIP Junior

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**

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

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	Bus Bar

Configuration Features

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

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Bus Bar Contact Plating Material	Tin
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Contact Features

Contact Underplating Material Thickness	1.27 μ m[50 μ in]
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Contact Mating Area Plating Material Thickness	3 μ m[118 μ in]
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Contact Shape & Form	Multiple Contact Point
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Contact Underplating Material	Nickel
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Contact Base Material	Copper Alloy
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Contact Current Rating (Max)	170 A
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Contact Length	31.4 mm[1.23 in]
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Bus Bar Contact Style	Socket
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Termination Features

Termination Post & Tail Length	5.68 mm[.224 in]
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Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

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

Housing Material	Thermoplastic
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Housing Color	Black
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Dimensions

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

Agency/Standard	UL
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Packaging Features

Packaging Method	Box & Carton, 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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

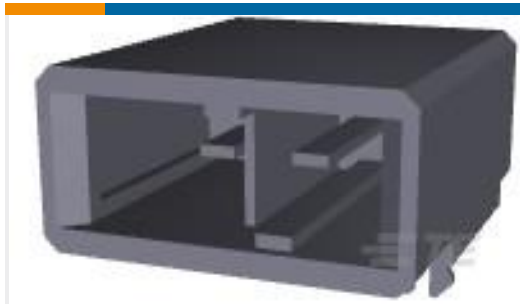


Also in the Series | **CROWN CLIP Junior**

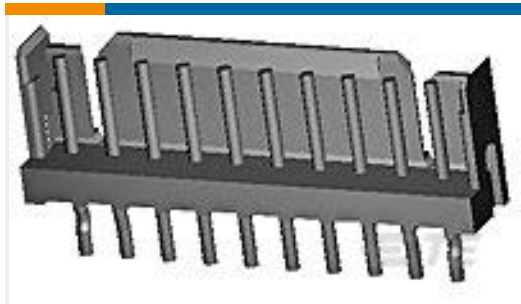


Busbar Connectors(2)

Customers Also Bought



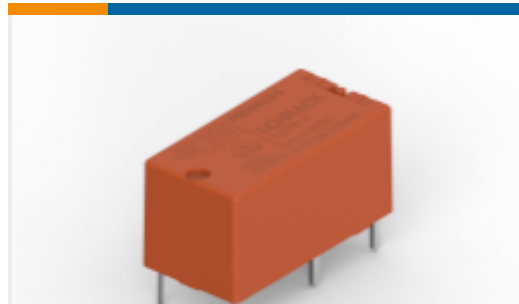
TE Part #1-179276-2
DYNAMIC 3200 HDR ASSY 2P H



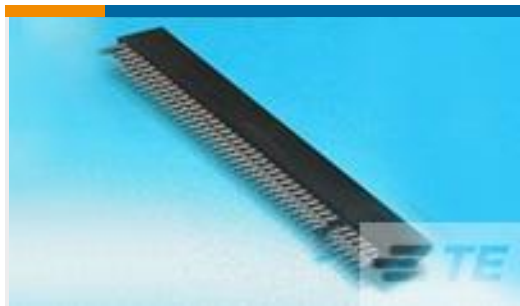
TE Part #292161-4
CT P/HDR ASSY V 4P W/KINK NAT



TE Part #1-1630012-9
HSC150 2R2 5%



TE Part #2-1393219-2
PE514024



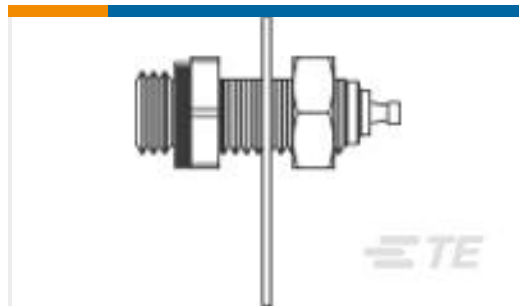
TE Part #5530843-1
CONN SEC II 12 POS 100C/L



TE Part #1623819-4
SBL4 R015 5%



TE Part #2204080-1
PLUGGABLE BUSBAR FOR 3MM BOARD



TE Part #1466288-1
031-0050-0001



TE Part #EP3166-000
0026G8424-9



TE Part #474337-E
IDCTERM 1 I2426 1,10 * 094 707 0007 J2

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