

1551953-1 ✓ ACTIVE



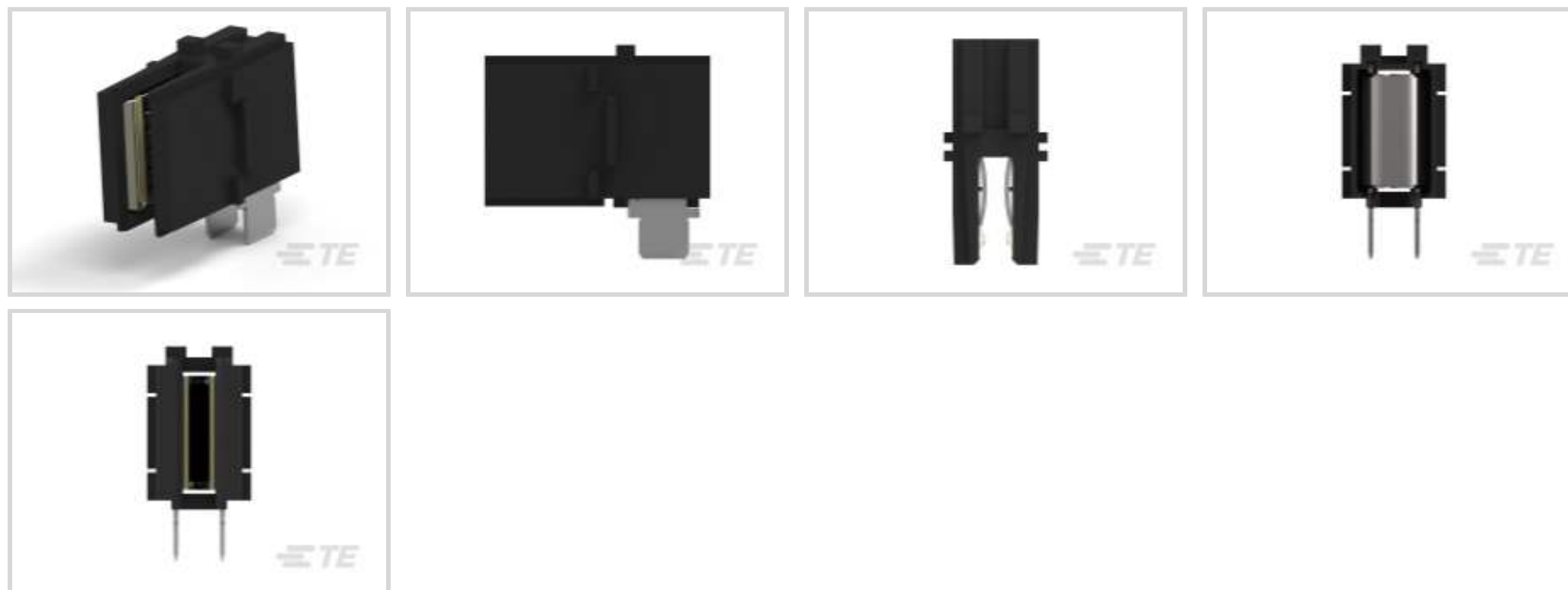
CROWN CLIP Junior

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 |
|-------------------|---------|

#### Body Features

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

#### Contact Features

|   |                           |
|---|---------------------------|
| Contact Underplating Material Thickness | 1.27 $\mu$ m[50 $\mu$ in] |
|---|---------------------------|



|  |                         |
|--|-------------------------|
| Contact Mating Area Plating Material Thickness | 3 $\mu$ m[118 $\mu$ in] |
| Contact Shape & Form                           | Multiple Contact Point  |
| 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 Post & Tail Length              | 5.68 mm[.224 in]      |
| 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

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

### Usage Conditions

|                             |  |
|-----------------------------|--|
| Operating Temperature Range | -55 – 105 $^{\circ}$ C[-67 – 221 $^{\circ}$ 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 2023 (235)<br>Candidate List Declared Against: JAN 2023 (233)<br>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

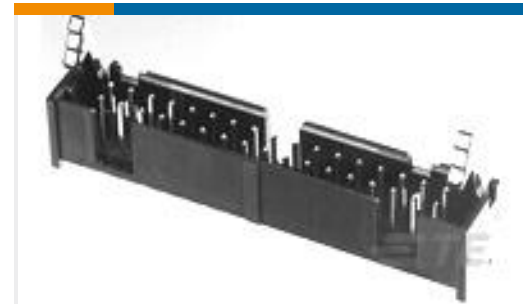
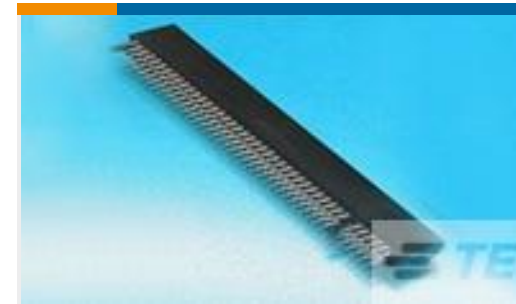


Also in the Series | **CROWN CLIP Junior**



Busbar Connectors(3)

## Customers Also Bought

TE Part #2-1991253-5  
25 WAY LOW COST D SUB BACKSHELTE Part #2-1761608-5  
IDC LOW PRO HDR 14P VERT SHT LTE Part #640383-6  
06P MTA156 HDR ASSY STR SQ SNTE Part #5530843-7  
CONN SEC II 30 POS 100C/LTE Part #5650118-2  
CONN SEC II 10 POS 100C/L R/ATE Part #1-2176327-3  
CRGP 0805 100R 1%TE Part #2176328-5  
CRGP 1206 22R 1%TE Part #NB14634001  
VERSAFIT-3X-1/2-0-SP

## 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