

1982995-1 ✓ ACTIVE



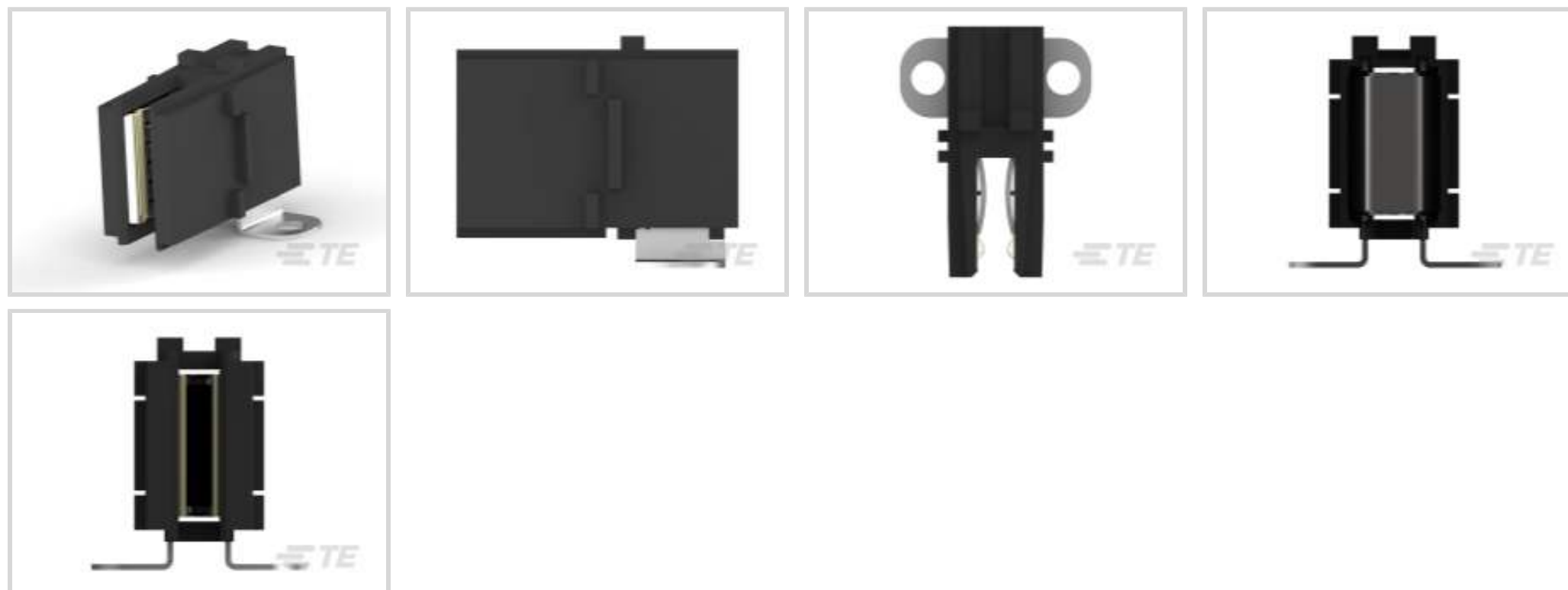
### CROWN CLIP Junior

TE Internal #: 1982995-1

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

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, Printed Circuit Board

#### 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 μm[118 μin]
--	---------------

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[.123 in]
----------------	------------------

Bus Bar Contact Style	Socket
-----------------------	--------

### Termination Features

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

### Mechanical Attachment

Mating Alignment Type	Blindmate
-----------------------	-----------

Mating Alignment	With
------------------	------

Bus Bar Connector Mounting Retention	With
--------------------------------------	------

PCB Mount Retention Type	Mounting Ears, Mounting Hole
--------------------------	------------------------------

Connector Mounting Type	Board Mount
-------------------------	-------------

### Housing Features

Housing Material	Thermoplastic
------------------	---------------

Housing Color	Black
---------------	-------

### Dimensions

Connector Height	24.27 mm[.956 in]
------------------	-------------------

PCB Thickness (Recommended)	1 – 5 mm[.039 – .197 in]
-----------------------------	--------------------------

Product Width	24 mm[.945 in]
---------------	----------------

Product Length	31.4 mm
----------------	---------

### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
-----------------------------	----------------------------

### Operation/Application

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

### Industry Standards

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

### Packaging Features

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

### Other

Power Connectors Comment	Right Angle Mounting Flange
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) 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	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 #5747843-6  
37 MSFL PLUG RA 318 (SL,FM,BL)



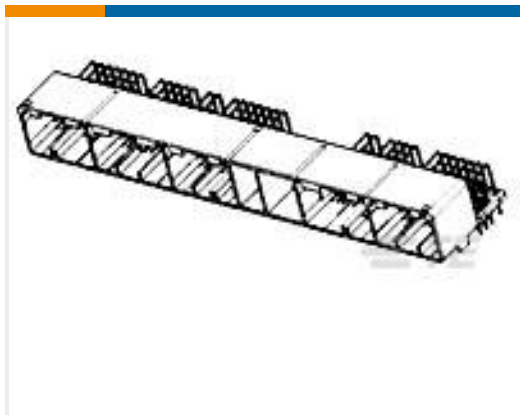
TE Part #1643906-1  
Crown Clip Senior 538-17-00100 399-01 7



TE Part #1-2071556-2  
OJS-SH-105HEF,00000



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



TE Part #6318813-3  
025/040 167POS CAP HSG ASSY



TE Part #2071556-1  
OJS-SS-112HEF,00000



TE Part #4-846290-0  
LGH-4 SGL MOLDED END LEAD



TE Part #60-0172-011-000  
CONTACT SOCKET 1 MM



TE Part #6450142-9  
MBXL VERT RCPT 8P+24S

### 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

---

**Product Environmental Compliance**

[MD\\_1982995-1\\_11262013735\\_dmtec](#)

English

[MD\\_1982995-1\\_11262013735\\_dmtec](#)

English

---

**Agency Approvals**

[UL Report](#)

English