

Crown Clip Senior

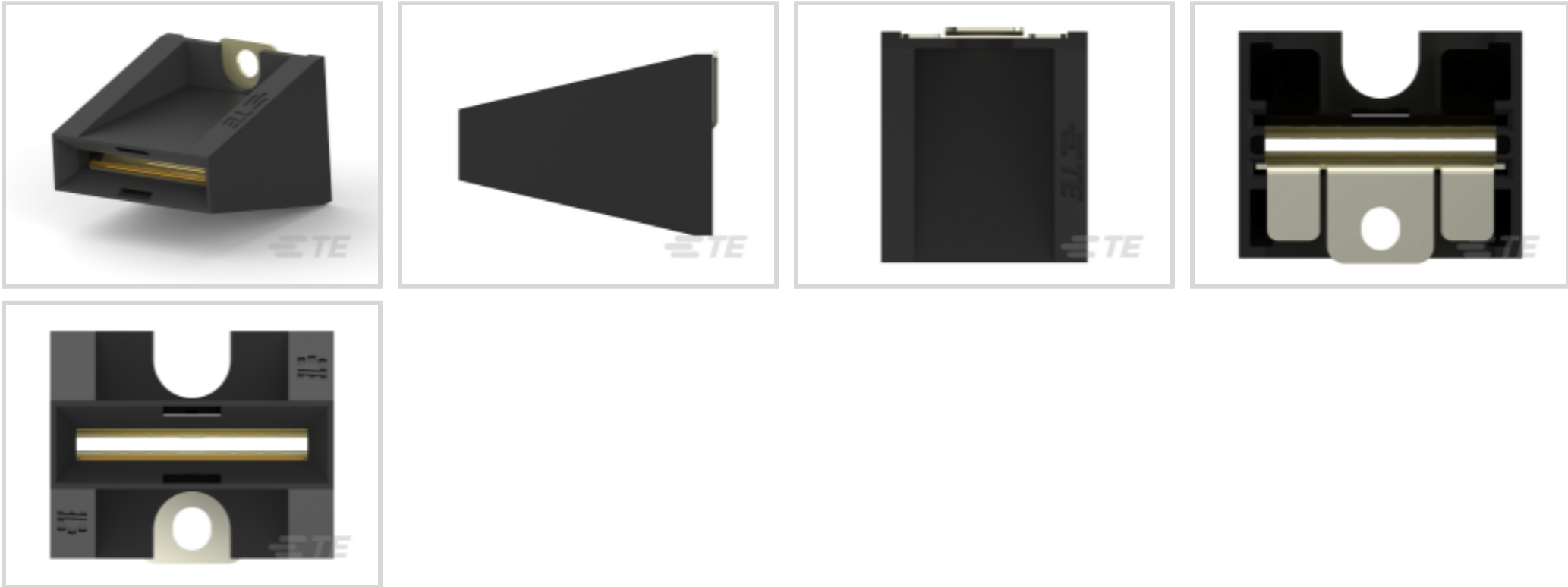
TE Internal #: 1643903-1

Bus Bar-to-Bus Bar, 2 Position, Bus Bar, Thermoplastic, Black, Screw Mount, Box & Carton, Vertical, Copper Alloy, Crown Clip Senior, Busbar Connectors

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Connectors > Power Connectors > Busbar Connectors



Connector System: **Bus Bar-to-Bus Bar**
Number of Positions: **2**
Connector & Contact Terminates To: **Bus Bar**
Mating Conductor Thickness: **3.18 mm [.125 in]**
Housing Material: **Thermoplastic**

Features

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Bus Bar-to-Bus Bar
Connector & Contact Terminates To	Bus Bar

Configuration Features

Number of Positions	2
Mating & Unmating Configuration	Hot Pluggable

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Bus Bar Contact Plating Material	Gold
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Contact Features

Contact Shape & Form	Multiple Contact Point
Contact Underplating Material	Nickel



Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	300 A
Contact Length	36.25 mm[1.427 in]
Bus Bar Contact Style	Socket

Mechanical Attachment

Mating Alignment Type	Blindmate
Mating Alignment	With
Bus Bar Connector Mounting Retention	With
Bus Bar Mount Retention Type	Screw Mount
Bus Bar Mount Orientation	Vertical
Connector Mounting Type	Bus Bar Mount

Housing Features

Housing Material	Thermoplastic
Housing Color	Black

Dimensions

Product Width	25.4 mm[1 in]
Product Length	36.45 mm[1.435 in]
Connector Height	31.75 mm[1.25 in]

Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	CSA/C22.2 No. 182.3-M1987

Packaging Features

Packaging Method	Box & Carton
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Other

Mating Conductor Thickness	3.18 mm[.125 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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°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

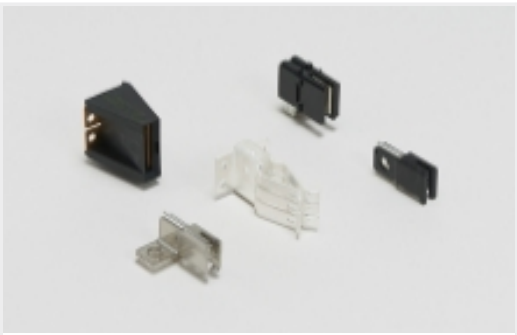


TE Part # 2204900-1
Crown Clip 320(160+&160-) Dual Power



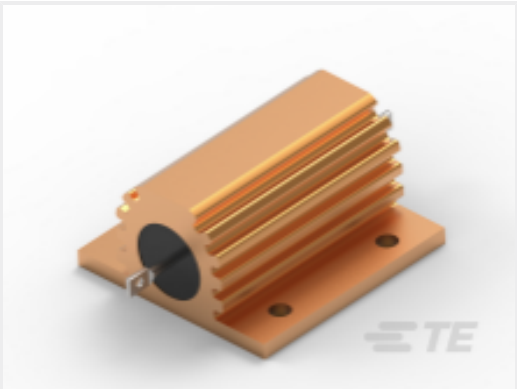
TE Part # 1643903-3
Crown Clip Senior II, Ag Plating

Also in the Series | [Crown Clip Senior](#)



Busbar Connectors(3)

Customers Also Bought



TE Part #CAT-C339-H85913
Power Resistors: Aluminum Housed, HSA



TE Part #1318127-1
DYNAMIC D2100 HDR V ASSY 20P



TE Part #1SNK510020R0000
ZS16-BL



TE Part #6-146257-3
26 MODII HDR DRST B/A .100CL L



TE Part #1658622-9
40 NOVO MIL/CTR 30DP,LEAD FREE



TE Part #2204080-1
200A R/A Pluggable Busbar Connector



TE Part #1658608-4
09 POS HDF PLUG, MS, LEAD FREE



TE Part #1-1415898-6
RTS3T005



TE Part #254536-E
SMCQ 16 M AB VV 8-03 CL * H007 137 E005

Documents

Product Drawings

CROWN CLIP Senior II 538-0068-00100

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1643903-1_C1.2d_dxf.zip



English

Customer View Model

ENG_CVM_CVM_1643903-1_C1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1643903-1_C1.3d_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

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English