

1643903-1 ✓ ACTIVE



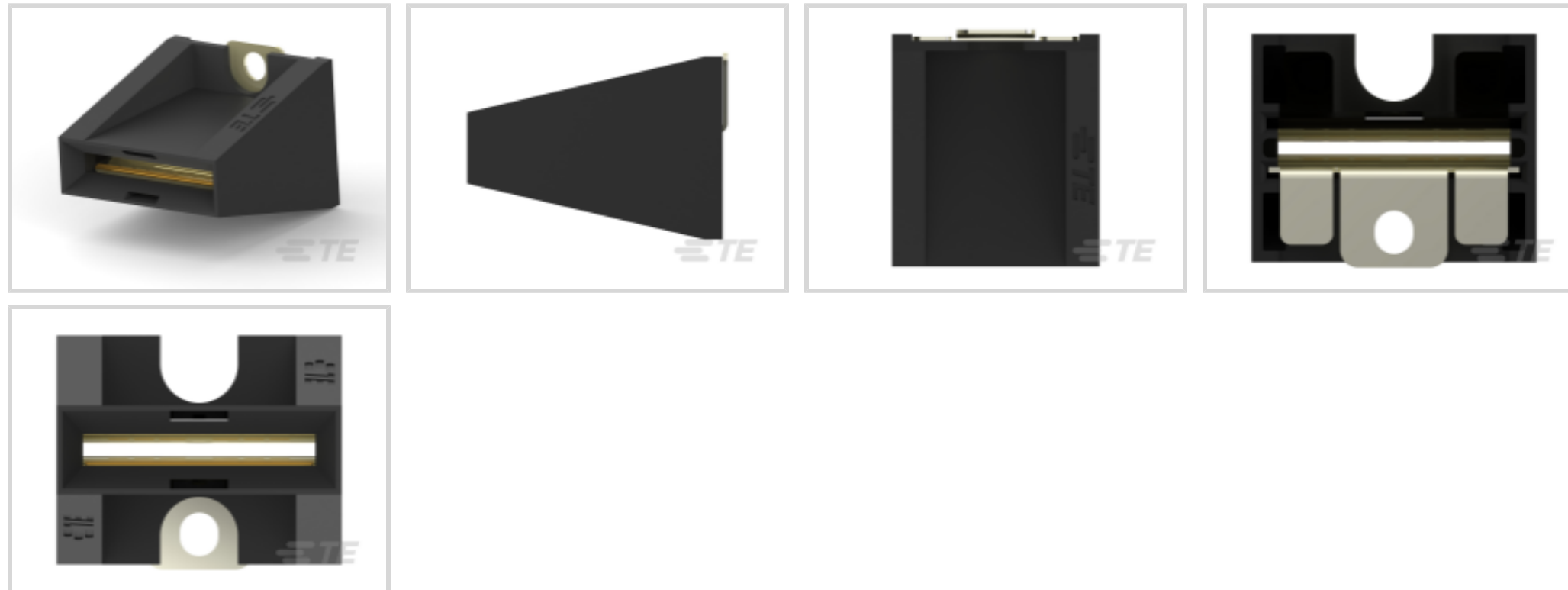
Crown Clip Senior

TE Internal #: 1643903-1

Busbar Connectors, Bus Bar-to-Bus Bar, 2 Position, Bus Bar, Thermoplastic, Black, Mating Alignment, Screw Mount, Box & Carton, Crown Clip Senior

[View on TE.com >](#)

Connectors > Power Connectors > Power Busbar 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 Mating Area Plating Material Thickness	.76 μ m[30 μ in]
Contact Shape & Form	Multiple Contact Point



Contact Underplating Material	Nickel
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

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

Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

Agency/Standard	CSA, UL
Approved Standards	CSA/C22.2 No. 182.3-M1987

Packaging Features

Packaging Method	Box & Carton
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Other

Power Connectors Comment	Dual Pole
Mating Conductor Thickness	3.18 mm[.125 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	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

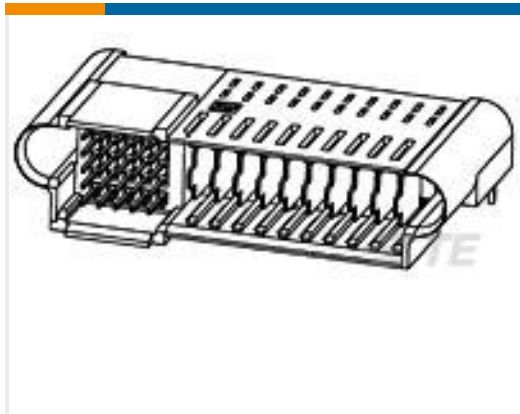
 <p>TE Part # 1643903-3 Crown Clip Senior II, Ag Plating</p>	 <p>TE Part # 2204900-1 Crown Clip 320(160+&160-) Dual Power</p>
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Also in the Series | [Crown Clip Senior](#)



Busbar Connectors(3)

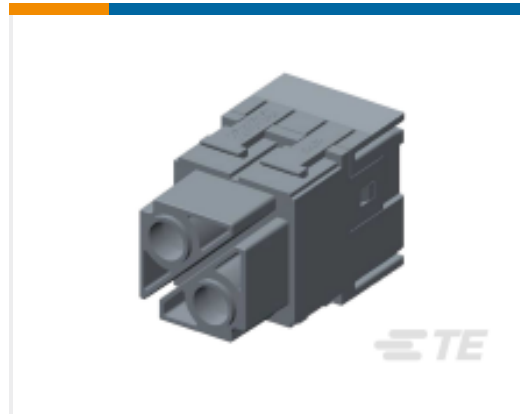
Customers Also Bought



TE Part #2-1926730-5
AssyMINIPAKHDL25a10pRAplugBdlk



TE Part #T2111028101-000
HMN-D2-MC



TE Part #T2111028201-000
HMN-D2-FC



TE Part #1-6609021-0
10VB3=F7129 S0



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



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



TE Part #2289129-2
ZQSFP+ CAGE& CONN 2X2, EMI SPRING, 4 LP



TE Part #T0930050457-000
FLOATING WASHER



TE Part #2187793-1
SW PIR RECT, 100OHM, 4X10



TE Part #2187794-1
SW PIR RECT, 85OHM, 8X10

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

Product Environmental Compliance

[MD_1643903-1_110720172355_dmtec](#)

English

[MD_1643903-1_110720172355_dmtec](#)

English

Agency Approvals

[UL Report](#)

English