

Crown Clip Senior

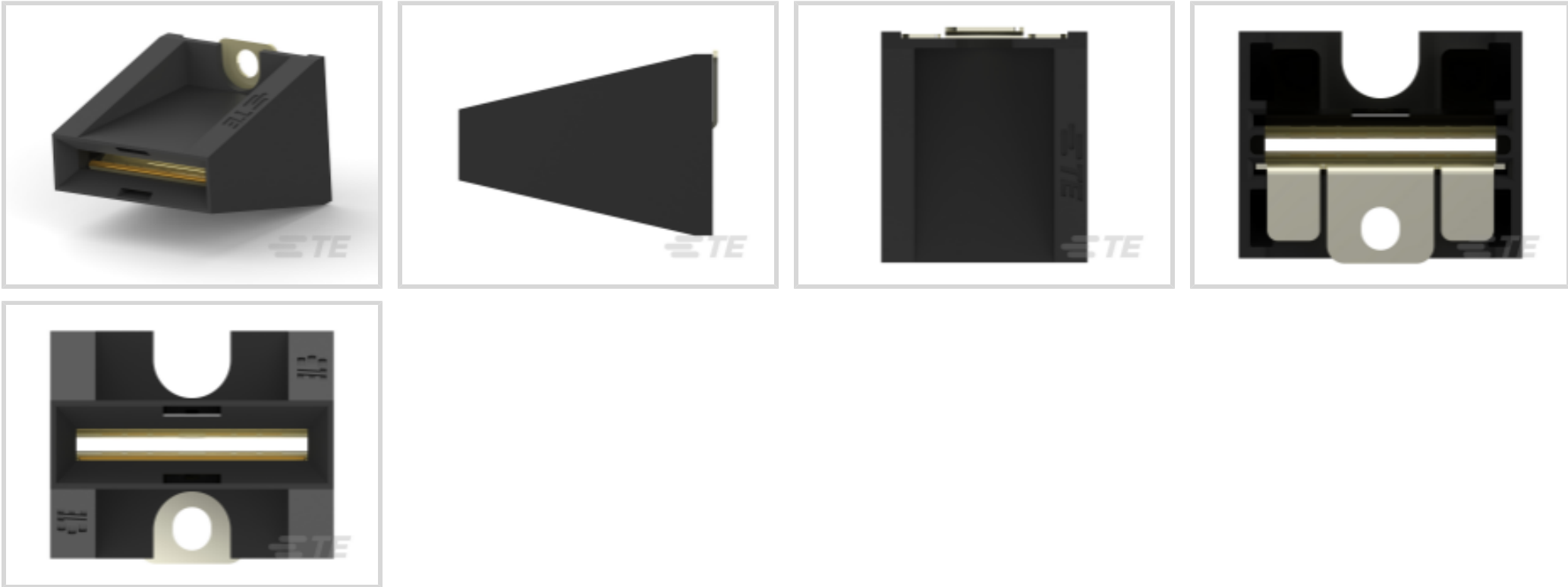
TE Internal #: 1643903-1

Bus Bar-to-Bus Bar, 2 Position, Bus Bar, Thermoplastic, Black,
Mating Alignment, Screw Mount, Box & Carton, 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 System	Bus Bar-to-Bus Bar
Connector & Contact Terminates To	Bus Bar
Connector & Housing Type	Receptacle

Configuration Features

Number of Positions	2
Mating & Unmating Configuration	Hot Pluggable

Other

Mating Conductor Thickness	3.18 mm[.125 in]
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Housing Features

Housing Material	Thermoplastic
Housing Color	Black



Mechanical Attachment

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
Mating Alignment Type	Blindmate

Packaging Features

Packaging Method	Box & Carton
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Contact Features

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

Body Features

Bus Bar Contact Plating Material	Gold
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Operation/Application

Circuit Application	Power & Signal
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Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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Electrical Characteristics

Operating Voltage	600 VAC
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Dimensions

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

Industry Standards

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



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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

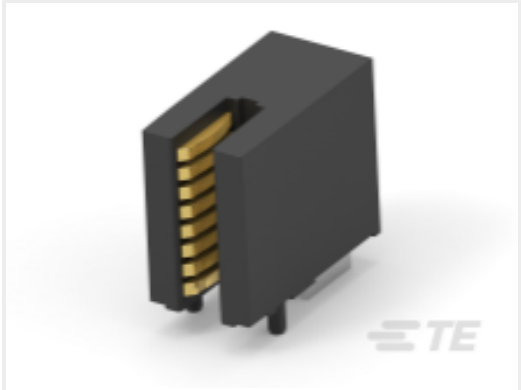
Product Compliance Disclaimer

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

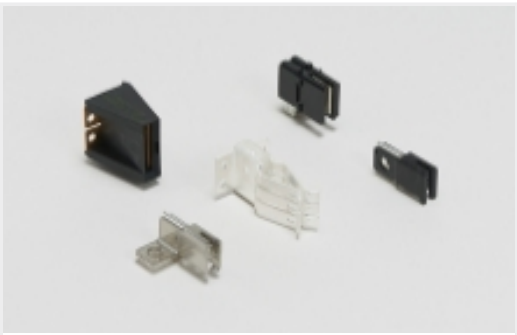


TE Part # 1643903-3
Crown Clip Senior II, Ag Plating



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

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



Busbar Connectors(3)

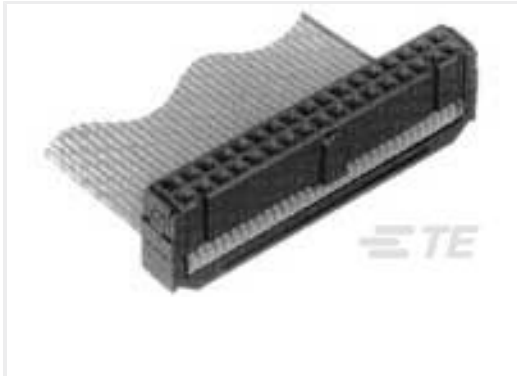
Customers Also Bought



TE Part #1-1415898-6
PCB Power Relay: 16 Amp, Inrush



TE Part #5747460-3
HD-20 RCPT 15P RA 590 THD INS



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



TE Part #1546074-5
5 POS 5.08MM TERMI-BLOK TOP WI



TE Part #1SNK910303R0000
JB10-3



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



TE Part #1-1423162-0
7022AF=RLY,STD,OFF,2P,120VAC,1



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



TE Part #1SNK510020R0000
ZS16-BL

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

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Datasheets & Catalog Pages

[POWER_CONNECTORS_CATALOG_SEC05_BUSBAR](#)

English

Busbar Power Brochure

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English