1643903-1 ✔ ACTIVE

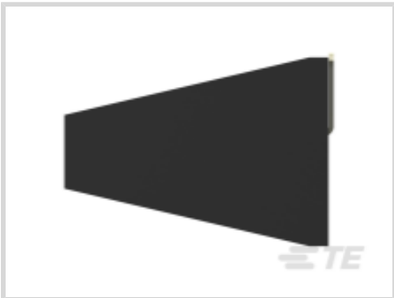
Crown Clip Senior

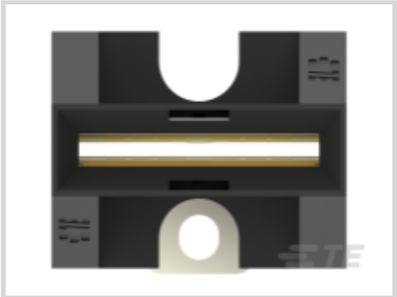
TE Internal #: 1643903-1

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

View on TE.com >

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

Body Features

Bus Bar Contact Plating Material	Gold

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]

Operation/Application

Circuit Application	Power & Signal

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

Other

Mating Conductor Thickness	3.18 mm[.125 in]

Product Compliance

For compliance documentation, visit the product page on TE.com>

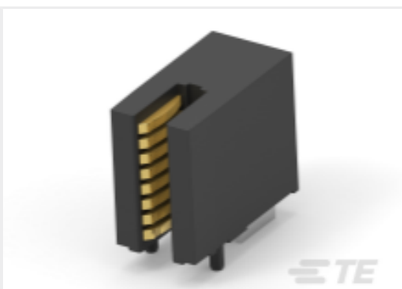
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

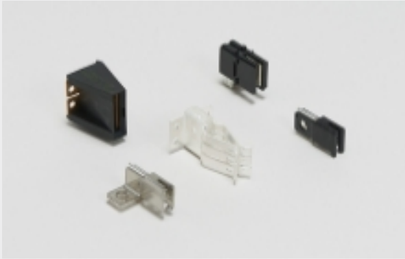
Compatible Parts

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 #1SNK510020R0000
ZS16-BL

TE Part #1SNK910303R0000
JB10-3

TE Part #1SNK169001R0000
MC812PA L1-L2-L3-N-PE (x20) Horizontal

TE Part #T4171110003-001
M12,REAR MOUNTING,FEMALE,A,3P, 0.2M WIRE

TE Part #T4151199L14-001
RPC-M12L-4MS-0.5-PVC 14AWG BK

TE Part #770424-1
02P.093 COMM P&S RCPT .248CL

TE Part #1-1415898-1
RTS3T048

TE Part #8-1625984-9
HSA50 R02 5%

TE Part #CAT-P23-ECK
High Voltage DC Contactors, hermetically sealed, ceramic technology

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