

2204899-1 ✓ ACTIVE

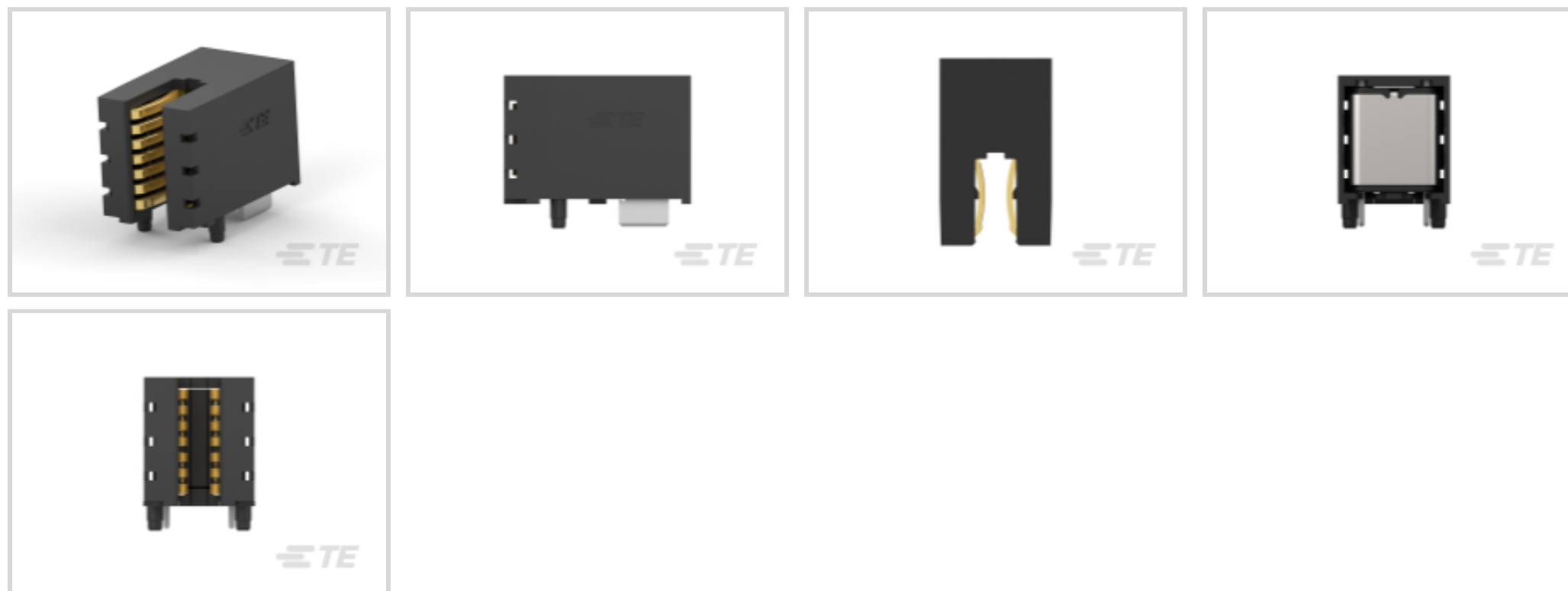
TE Internal #: 2204899-1

Busbar Connectors, Board-to-Bus Bar, 1 Position, Printed Circuit Board, Thermoplastic, Black, Mating Alignment, Tray, Right Angle, In-Line

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Connectors > Power Connectors > Power Busbar Connectors > Busbar Connectors



Connector System: **Board-to-Bus Bar**

Number of Positions: **1**

Sealable: **No**

Connector & Contact Terminates To: **Printed Circuit Board**

Mating Conductor Thickness: **5 mm [.196 in]**

Features

Product Type Features

Product Type	Crown Clip Junior Power Connector
Connector System	Board-to-Bus Bar
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector & Housing Type	Receptacle

Configuration Features

Number of Positions	1
PCB Mount Orientation	Right Angle
Mating & Unmating Configuration	Hot Pluggable

Electrical Characteristics

Operating Voltage	48 VAC
Operating Voltage Reference	AC/DC

Body Features

Bus Bar Contact Plating Material	Gold
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Contact Features

Contact Transmits (Typical)	Power
Contact Design	Multiple Contact Point
Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	250 A
Contact Length	26.92 mm[1.06 in]
Bus Bar Contact Size	26.92 X 16.78 X 1
Bus Bar Contact Style	Socket

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Mating Alignment Type	Blindmate
Mating Alignment	With
Bus Bar Connector Mounting Retention	With
Bus Bar Mount Orientation	In-Line
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Thermoplastic
Housing Color	Black

Dimensions

Height	20.6 mm
PCB Thickness (Recommended)	2.1 – 5.6 mm
Length	30 mm
Tail Length	3.6 mm
Width	17.2 mm

Usage Conditions

Operating Temperature Range	-45 – 125 °C[-49 – 257 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

Agency/Standard	UL
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Packaging Features

Packaging Method	Tray
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Other

Comment	Right Angle Mounting Flange
Mating Conductor Thickness	5 mm[.196 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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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



Customers Also Bought



Documents

Product Drawings

CC 250 - Dual Crown Clip HC250 Power

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2204899-1_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2204899-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2204899-1_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

Agency Approvals

[UL Report](#)

English