



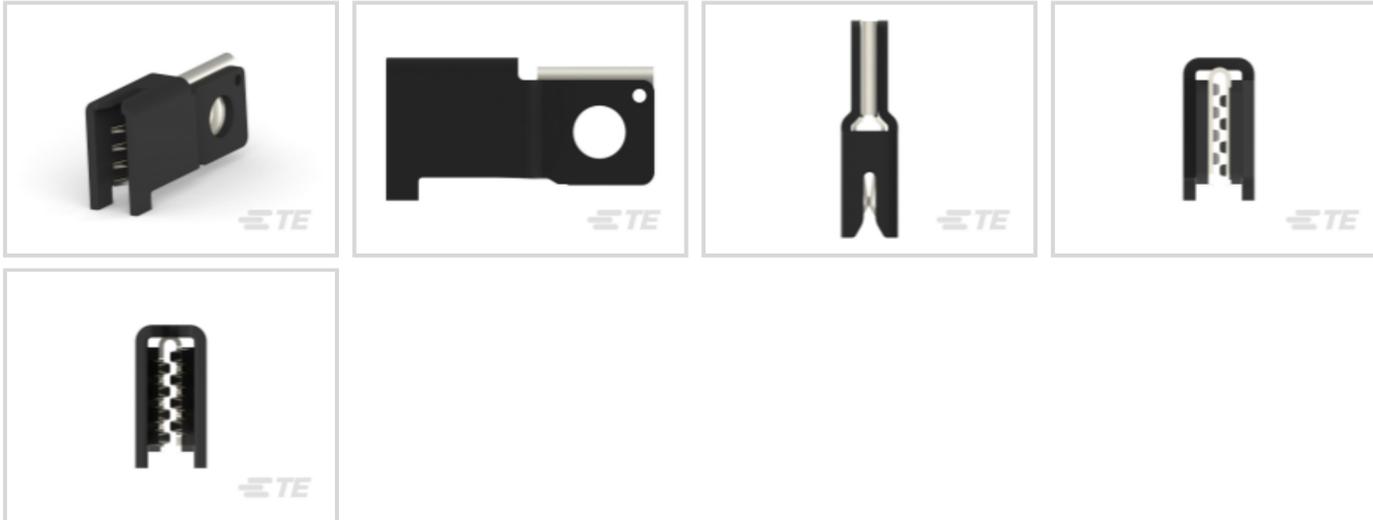
CROWN CLIP

TE Internal #: 104742-2

Busbar Connectors, Board-to-Bus Bar, Bus Bar, Thermoplastic, Black, Mating Alignment, Screw Mount, Box & Tray, In-Line, Copper Alloy, Receptacle

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Connectors > Power Connectors > Power Busbar Connectors > Busbar Connectors



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

Sealable: **No**

Connector & Contact Terminates To: **Bus Bar**

Mating Conductor Thickness: **1.57 mm [.062 in]**

Housing Material: **Thermoplastic**

Features

Product Type Features

Product Type	Pluggable Bus Bar Connector
Connector System	Board-to-Bus Bar
Sealable	No
Connector & Contact Terminates To	Bus Bar
Connector & Housing Type	Receptacle

Configuration Features

Mating & Unmating Configuration	Normal
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Electrical Characteristics

Operating Voltage Reference	AC/DC
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Body Features

Bus Bar Contact Plating Material	Silver
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Contact Features

Contact Transmits (Typical)	Power
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Underplate Material Thickness	1.27 µm[50 µin]
Contact Design	Multiple Contact Band/CROWN BAND
Contact Plating Thickness	6.35 µm[250 µin]
Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	250 A
Contact Length	31.26 mm[1.231 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	In-Line
Connector Mounting Type	Bus Bar Mount

Housing Features

Housing Material	Thermoplastic
Housing Color	Black

Dimensions

Height	17.91 mm[.705 in]
Length	34.09 mm[1.342 in]
Width	9.04 mm[.356 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °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	Box & Tray
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Other

Comment	In-Line Mounting Flange, Mounting
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	hardware must be stainless steel (not included).
Mating Conductor Thickness	1.57 mm[.062 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 applicable 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



Documents



Product Drawings

PLUGGABLE BUSBAR 062F2 POWER CONNECTOR

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_104742-2_J1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_104742-2_J1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_104742-2_J1.3d_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_104742-2_08062018535_dmtec](#)

English

[MD_104742-2_08062018535_dmtec](#)

English