

1766484-1 ✓ ACTIVE



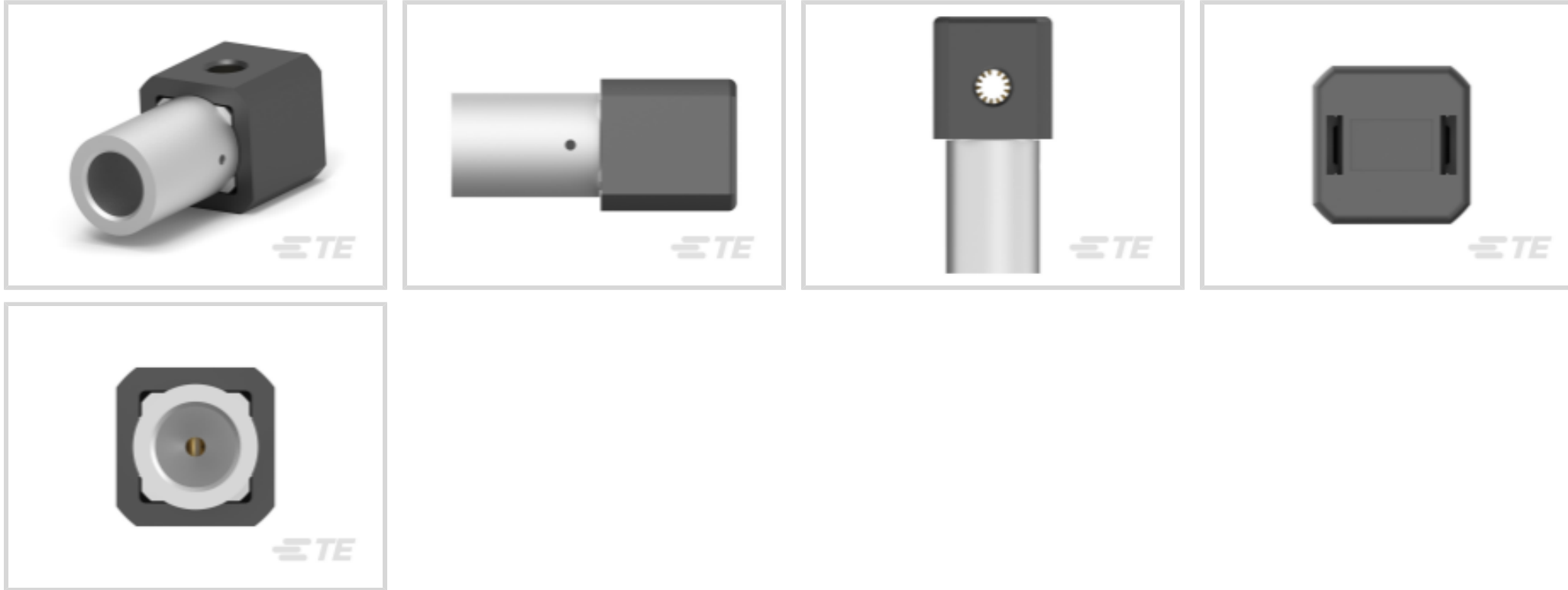
RAPID LOCK

TE Internal #: 1766484-1

Busbar Connectors, Wire-to-Bus Bar, Wire & Cable, Thermoplastic, Black, Box, Copper Alloy, Power, Cable Mount (Free-Hanging)

[View on TE.com >](#)

Connectors > Power Connectors > Power Busbar Connectors > Busbar Connectors



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

Connector & Contact Terminates To: **Wire & Cable**

Housing Material: **Thermoplastic**

Housing Color: **Black**

Bus Bar Connector Mounting Retention: **With**

Features

Product Type Features

Connector System	Wire-to-Bus Bar
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Bus Bar Contact Plating Material	Gold
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Contact Features

Mating Pin Diameter	8 mm[.314 in]
Contact Mating Area Plating Material Thickness	5.07 μ m[30 μ in]
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	50 A
Contact Length	4 mm[.157 in]
Bus Bar Contact Style	CROWN BAND

Mechanical Attachment



Bus Bar Connector Mounting Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Thermoplastic
Housing Color	Black

Dimensions

Wire Size	6 AWG
	.019 in[.5 in]

Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Method	Box
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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 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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



TE Part # 6648221-1
CONTACT,PIN,#8



TE Part # 1410354-7
MULTI-GIG GUIDEPIN, 9MM 2.60

Customers Also Bought



TE Part #6648222-1
CONTACT,PIN,#4 SILVER PLATED



TE Part #6648235-1
CROWN,SKT,#4



TE Part #6648234-2
CONTACT,SKT,#0



TE Part #6648221-1
CONTACT,PIN,#8



TE Part #6648223-1
CONTACT,PIN,#2



TE Part #6648237-1
CROWN,SKT,#8

Documents

Product Drawings

JUMPER CRN SKT,#8 W/#6 CRIMP,BLK

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1766484-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1766484-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1766484-1_A.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_SEC02_CABLE_MOUNTED](#)

English

[2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[Agency Approval Document](#)

English