

6648224-1 ✓ ACTIVE



RAPID LOCK

TE Internal #: 6648224-1

Busbar Connector Contacts, Cable-to-Board, 1 Position, Wire & Cable, Size 4, Screw, Copper Alloy, Silver, 115 A, Power, Board Mount

[View on TE.com >](#)

Connectors > Power Connectors > Power Busbar Connectors > Busbar Connector Contacts



Connector System: **Cable-to-Board**

Number of Positions: **1**

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

Bus Bar Contact Size: **4**

Termination Method to Bus Bar: **Screw**

Features

Product Type Features

Product Type	Contact
Connector System	Cable-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	1

Electrical Characteristics

Current Rating	115 A
Voltage Drop	20 mV

Contact Features

Contact Underplating Material	Nickel
Bus Bar Contact Size	4
Contact Base Material	Copper Alloy
Overall Contact Plating Material	Silver



Contact Current Rating (Max)	115 A
------------------------------	-------

Termination Features

Termination Method to Bus Bar	Screw
-------------------------------	-------

Mechanical Attachment

Connector Mounting Type	Board Mount
-------------------------	-------------

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
-----------------------------	----------------------------

Operation/Application

Circuit Application	Power
---------------------	-------

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

[PIN CONTACT#4, SCREW MT, PRESS FIT](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_6648224-1_A3.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6648224-1_A3.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6648224-1_A3.3d_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

Product Environmental Compliance

[TE Material Declaration](#)

English

Agency Approvals

[Agency Approval Document](#)

English

6648224-1

Busbar Connector Contacts, Cable-to-Board, 1 Position, Wire & Cable, Size 4, Screw,
Copper Alloy, Silver, 115 A, Power, Board Mount

