

1932771-1 ✓ ACTIVE

TE Internal #: 1932771-1

PCB Mount Compression Connector, Vertical, Board-to-Board, 6 Position, 1.6 mm [.063 in] Centerline, Gold, Surface Mount, Power & Signal, Black

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Compression Connector**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **6**

Number of Rows: **2**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Compression Connector
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	6
Number of Rows	2

Body Features

Primary Product Color	Black
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Contact Features

PCB Contact Termination Area Plating Material	Gold Flash
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.1 – .2 μm [3.937 – 7.87 μin]
Contact Type	Pin
Contact Current Rating (Max)	.3 A

Termination Features



Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	1.6 mm [.063 in]
Housing Material	High Temperature Thermoplastic

Dimensions

Profile Height from PCB	1.65 mm [.065 in]
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Usage Conditions

Operating Temperature Range	-55 – 85 °C [-67 – 185 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	3500
Packaging Type	Tape & Reel

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: JAN 2023 (233) 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	Reflow solder capable to 260°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



Customers Also Bought



Documents

Product Drawings



6 pins 1.6P 1.65H BtoB connector

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1932771-1_3.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1932771-1_3.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1932771-1_3.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[1-1773729-8_compressiveBTB_EN](#)

English

[1-1773731-8-compressiveBTB_CN_201403](#)

[1773463-3_Compressive_BtB_Flyer](#)

English

Product Specifications

[Product Specification](#)

English