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

View on TE.com >

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

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

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Profile Height from PCB	1.65 mm[.065 in]

Usage Conditions

Operating Temperature Range	-55 - 85 °C[-67 - 185 °F]

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	3500
Packaging Method	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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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



TE Part # 2199064-2
TAP 6 POS 2.0PITCH 3.15H

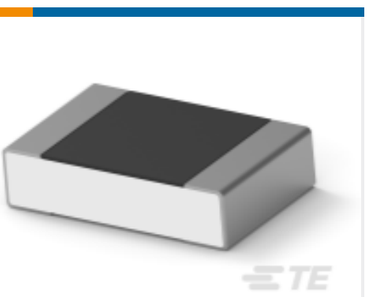


TE Part # 2199075-2
4POS 1.6P 1.65H BTB CONN

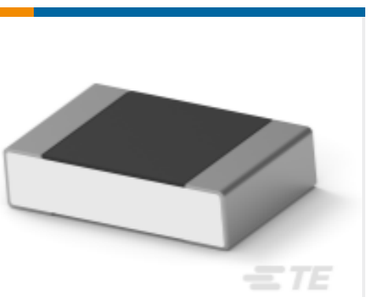
Customers Also Bought



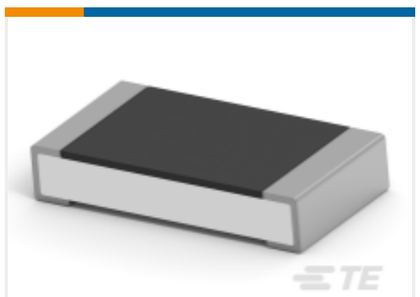
TE Part # 1-1991253-5
15 WAY LOW COST D SUB BACKSHEL



TE Part # 5-2176378-9
RQ 0805 40R2 0.1% 10PPM 5K RL



TE Part # 8-2176378-0
RQ 0805 66R5 0.1% 10PPM 5K RL



TE Part # 1-2176390-2
RQ 1206 1K5 0.1% 10PPM 5K RL



TE Part # NB11652001
ATUM-6/2-0-STK



TE Part # 1991253-9
9 WAY LOW COST D SUB BACKSHELL



TE Part # 2199075-2
4POS 1.6P 1.65H BTB CONN



TE Part # ANT-W63-MON-SMA
Antenna MON Wifi6/6E Swivel SMA

TE Part # 5-1447179-4
FSA-1.5A-7 FSJUMPER (FSN-1.5A-7)

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 Conditionsof 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