# 2199075-2 - ACTIVE

TE Internal #: 2199075-2 PCB Mount Compression Connector, Vertical, Board-to-Board, 4 Position, 1.6 mm [.063 in] Centerline, Gold, Surface Mount, Power & Signal, Black

### View on TE.com >

connectivity

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: 4

Number of Rows: 2

### Features

Product Type Features

Connector SystemBoard-to-BoardSealableNoConnector & Contact Terminates ToPrinted Circuit BoardPCB Mount OrientationVerticalNumber of Positions4Number of Rows2PCH FeaturesVerticalPrimary Product ColorBlackPCB Contact Termination Area Plating MaterialGold FlashContact Base MaterialCopper Alloy	PCB Connector Assembly Type	PCB Mount Compression Connector
Connector & Contact Terminates ToPrinted Circuit BoardConfiguration FeaturesVerticalPCB Mount OrientationVerticalNumber of Positions4Number of Rows2Body FeaturesVerticalPrimary Product ColorBlackPCB Contact Termination Area Plating MaterialGold Flash	Connector System	Board-to-Board
Configuration FeaturesPCB Mount OrientationVerticalNumber of Positions4Number of Rows2Body FeaturesVerticalPrimary Product ColorBlackPCB Contact Termination Area Plating MaterialGold Flash	Sealable	No
PCB Mount OrientationVerticalNumber of Positions4Number of Rows2Body Features	Connector & Contact Terminates To	Printed Circuit Board
Number of Positions4Number of Rows2Body FeaturesUse of RowsPrimary Product ColorBlackContact FeaturesSold Flash	Configuration Features	
Number of Rows2Body FeaturesFrimary Product ColorBlackContact FeaturesSold Flash	PCB Mount Orientation	Vertical
Body Features   Primary Product Color Black   Contact Features   PCB Contact Termination Area Plating Material Gold Flash	Number of Positions	4
Primary Product Color Black   Contact Features Value   PCB Contact Termination Area Plating Material Gold Flash	Number of Rows	2
Contact Features   PCB Contact Termination Area Plating Material   Gold Flash	Body Features	
PCB Contact Termination Area Plating Material Gold Flash	Primary Product Color	Black
	Contact Features	
Contact Base Material Copper Alloy	PCB Contact Termination Area Plating Material	Gold Flash
	Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Gold	Contact Mating Area Plating Material	Gold

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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 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	Wave solder capable to 260°C

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#### Product Compliance Disclaimer

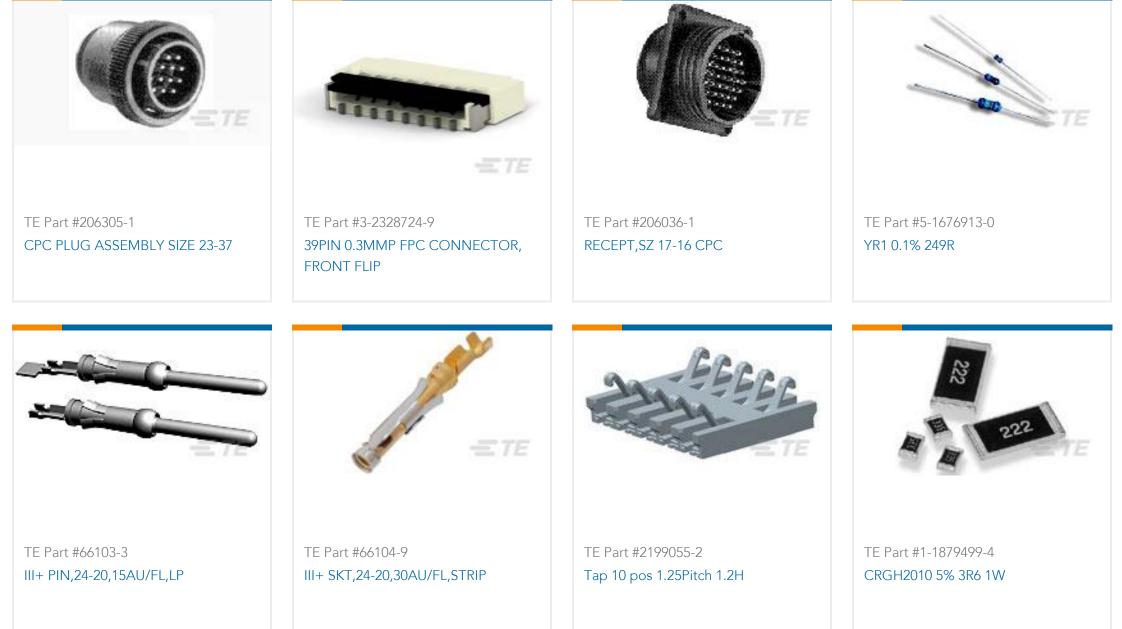
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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-onreach

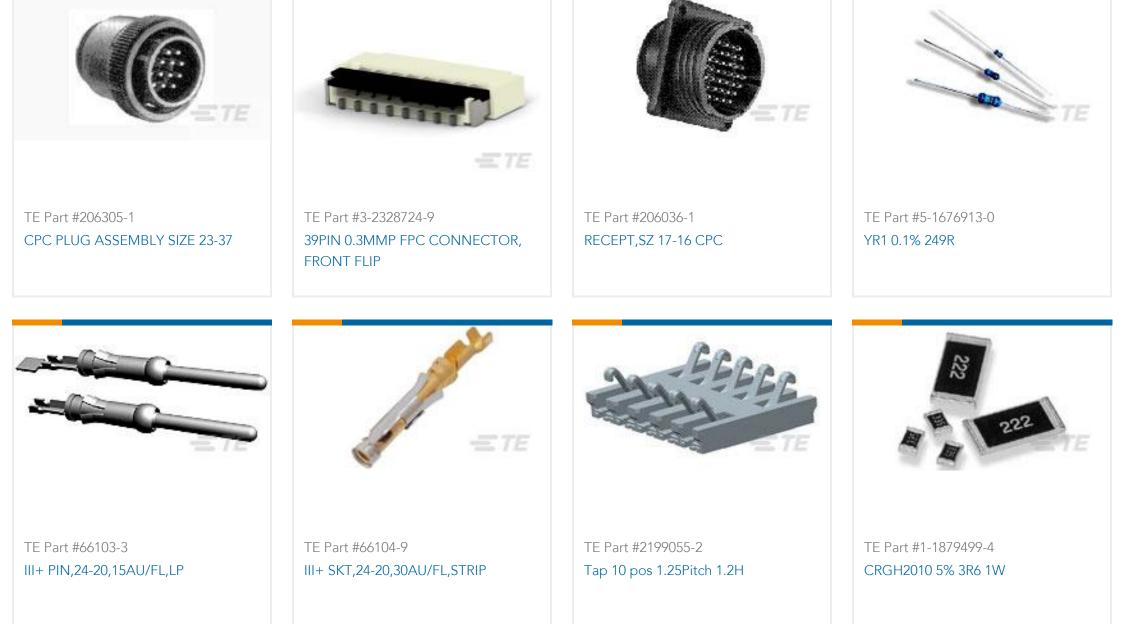
# **Compatible Parts**



# **Customers Also Bought**



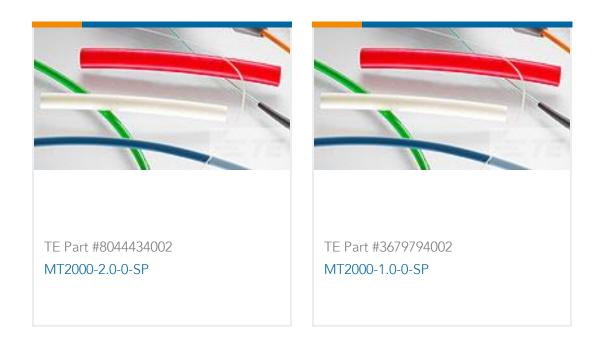




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### Documents

### Product Drawings 4POS 1.6P 1.65H BTB CONN

English

### **CAD** Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2199075-2\_6.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2199075-2\_6.3d\_igs.zip

English

Customer View Model

### ENG\_CVM\_CVM\_2199075-2\_6.3d\_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

Product Specifications Product Specification

English

Product Environmental Compliance Product Compliance

English

**Product Compliance** 

English