TE Internal #: 3-2363961-0

PCB Mount Receptacle, Vertical, Board-to-Board, 30 Position, .4mm

[.015in] Centerline, Gold, Printed Circuit Board, .5A Contact

Current Rating (Max)

View on TE.com >



Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Headers & Receptacles











PCB Connector Assembly Type: PCB Mount Receptacle

PCB Mount Orientation: Vertical
Connector System: Board-to-Board

Number of Positions: 30

Centerline (Pitch): .4 mm [ .015 in ]

### **Features**

## Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
Number of Powe	2

Number of Rows	2
PCB Mount Orientation	Vertical
Number of Positions	30
Board-to-Board Configuration	Parallel

# **Electrical Characteristics**

Dielectric Withstanding Voltage (Max)	250 VAC
Insulation Resistance	1 ΜΩ
Operating Voltage	60 VDC

# **Body Features**



Connector Profile	Low
Contact Features	
Contact Layout	Inline
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.1 μm[4 μin]
Contact Type	Socket
Contact Current Rating (Max)	.5 A
Termination Features	
Termination Method to Printed Circuit Board	Surface Mount
Mechanical Attachment	
PCB Mount Alignment Type	None
Mating Alignment	With
Mating Alignment Type	Polarized
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Housing Features	
Centerline (Pitch)	.4 mm[.015 in]
Housing Color	Black
Housing Material	High Temperature Thermoplastic
Dimensions	
Row-to-Row Spacing	.88 mm[.034 in]
Stack Height	.8 mm[.031 in]
Usage Conditions	
Operating Temperature Range	-40 - 85 °C[-40 - 185 °F][-40 - 185 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	



Packaging Method	Tape & Reel	
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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	Not Yet Reviewed
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: JUL 2021 (219) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

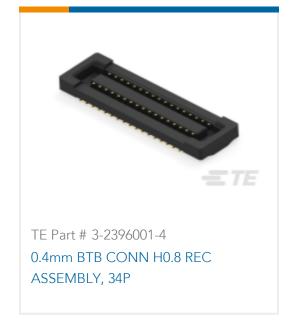
#### Product Compliance Disclaimer

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







# Customers Also Bought





TE Part #3-2319848-1
END STACK DIP 10P G RECESS SEAL
TUBE



TE Part #2331390-1 DET SW5.7X4.0X2.0 GW HORZ. NC AG RL













### **Documents**

## **Product Drawings**

0.4mm BTB CONN H0.8 REC ASSEMBLY, 30P

English

### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_3-2363961-0\_A.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_3-2363961-0\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_3-2363961-0\_A.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

**Product Specifications** 

**Application Specification** 

English