

BOTTOM ENTRY B-B POST ASSY 5P

✓ ACTIVE

AMPMODU

TE Part # 174075-5

TE Internal #: 174075-5

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



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **5**

Header Type: **Pin Header**

Features

Product Type Features

Connector Style	Plug
Applied Pressure	Standard
Series	AMPMODU
PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Pin Header
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Rows	1
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	5
Board-to-Board Configuration	Vertical

Electrical Characteristics

Insulation Resistance	1 MΩ
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Body Features

Connector Profile	Standard
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Contact Features

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Contact Layout	Inline
PCB Contact Termination Area Plating Material Thickness	.8 µm[31.49 µin]
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.8 µm[31.49 µin]
Contact Type	Pin
Contact Current Rating (Max)	2 A

Termination Features

Termination Post & Tail Length	4 mm[.157 in]
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Dimensions

PCB Thickness (Recommended)	1.6 mm[.8 in]
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Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

Approved Standards	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	500
Packaging Method	Box

Other

Comment	Positions of self-retaining post: A=3, B=1 & 5.
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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	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 2019 (197)



Candidate List Declared Against: JAN 2019 (197)

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 265°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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 5174711-5  
BOTTOM ENTRY B-B  
CONN.2.0 V-POST



TE Part # 174711-5  
BOTTOM ENTORY HDR  
ASSY V 5P



TE Part # 5-174074-5  
BOTTOM ENTRY B-B REC  
ASSY

Customers Also Bought



TE Part #3-2289080-1  
D3950 REC 3POS 1ROW X  
KEY



TE Part #5917334-2  
CHAMP 050-2 REC HDR  
ASSY V 20P



TE Part #1-6450161-3  
MBXL R/A RCPT 16S+4P



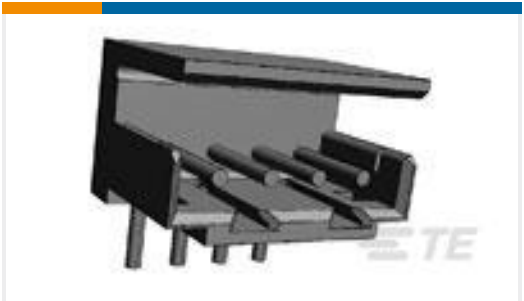
TE Part #1-917360-8  
1.25 AF REC ASSY 18P B  
/TRAY

BOTTOM ENTRY B-B POST ASSY 5P

TE Part # 174075-5  
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TE Part #174075-9  
BOTTOM ENTRY B-B  
POST ASSY 9P



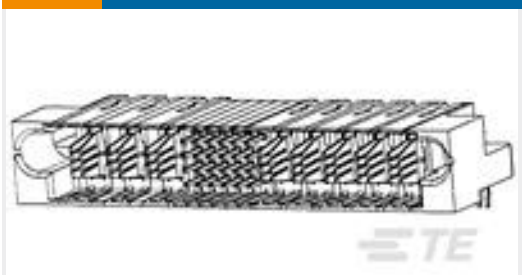
TE Part #176394-3  
CT BOX HDR ASSY H 3P  
GOLD



TE Part #5-174074-5  
BOTTOM ENTRY B-B REC  
ASSY



TE Part #63465-1  
MAG-MATE 250 F TAB  
TPBR



TE Part #6450231-1  
MBXL R/A HDR 16S+4P



TE Part #9-1415532-1  
RT424700

Documents

Product Drawings

BOTTOM ENTRY B-B POST ASSY 5P

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_174075-5\_D.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_174075-5\_D.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_174075-5\_D.3d\_stp.zip

English

Product Specifications

AMP 2.0mm PITCH BOTTOM ENTRY B-B CONNECTOR

Japanese

Product Specification

Japanese