



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **5**

Number of Rows: **1**

## Features

### Electrical Characteristics

Insulation Resistance	1 M $\Omega$
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### Dimensions

PCB Thickness (Recommended)	1.6 mm[.8 in]
Connector Height	6.5 mm[.256 in]

### Packaging Features

Packaging Quantity	300
Packaging Method	Tray

### Industry Standards

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

### Body Features

Connector Profile	Standard
Primary Product Color	Black

### Mechanical Attachment

Mating Retention	With
PCB Mount Retention Type	Kinked Legs
PCB Mount Retention	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

Mating Alignment With

#### Termination Features

Termination Post & Tail Length	4.1 mm[.161 in]
Square Termination Post & Tail Dimension	.55 mm[.022 in]
Termination Method to PCB	Through Hole - Solder

#### Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material Thickness	1 $\mu$ m[39.37 $\mu$ m]
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	1 $\mu$ m[39.37 $\mu$ m]
Contact Layout	Inline
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	2 A

#### Housing Features

Mating Entry Location	Bottom
Housing Material	Nylon - GF
Centerline (Pitch)	1.27 mm[.05 in]

#### Configuration Features

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

#### Product Type Features

Applied Pressure	Standard
PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

#### Usage Conditions

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

Circuit Application	Signal
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### Other

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2024 (241)</p> <p>Candidate List Declared Against: JUNE 2024 (241)</p> <p>SVHC &gt; Threshold:</p> <p>Melamine (3% in Component Part)</p>
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**Article Safe Usage Statements:**

Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

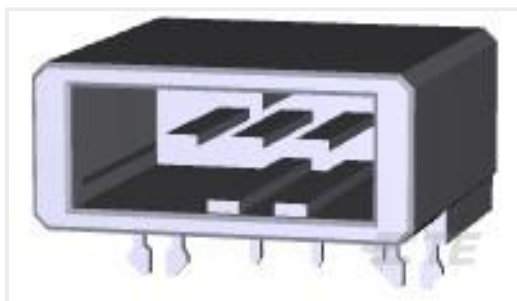
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Wave solder capable to 240°C
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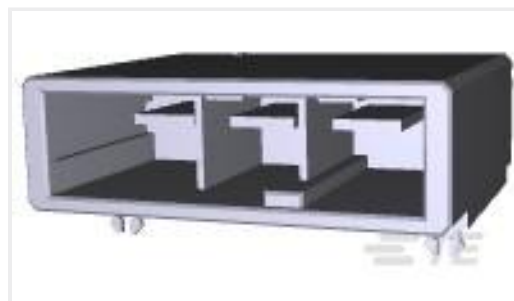
#### Product Compliance Disclaimer

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-on-reach>

### Customers Also Bought



TE Part #1-178293-2  
DYNAMIC D3100 HDR H 3P ASSY



TE Part #1-353081-3  
DYNAMIC D-5200 HDR H ASSY 3P



TE Part #CAT-D9934-A15F  
Header Assembly: Wire-to-Board, 5A,  
gold or tin plated



TE Part #CAT-D9934-A15E  
Header Assembly: Wire-to-Board, 3A,  
Gold or Tin Plated



TE Part #3-2229803-1  
D3950 HDR 3POS 1ROW X KEY



TE Part #1-2229803-1  
D3950 HDR 11POS 1ROW X KEY



TE Part #6-2260661-1  
DYNAMIC D5900 HORIZONTAL HDR  
ASSY 6P-X



TE Part #1-406541-1  
MJ,INV,1X1,6PNL G.,.100"ST,SN

## Documents

### Product Drawings

#### BOTTOM ENTRY B-B REC ASSY

Japanese

### CAD Files

#### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_5-174074-5\\_E.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_5-174074-5\\_E.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_5-174074-5\\_E.3d\\_stp.zip](#)

English

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

### Product Specifications

#### Product Specification

Japanese

#### AMP 2.0mm PITCH BOTTOM ENTRY B-B CONNECTOR

Japanese

#### Product Specification

English