5-174074-5 × OBSOLETE

AMPMODU

TE Internal #: 5-174074-5

TE Internal Description: BOTTOM ENTRY B-B REC ASSY

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

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

Number of Positions: **5**

Number of Rows: **1**

Centerline (Pitch): **1.27 mm [.05 in]**

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

Insulation Resistance	1 MΩ

Body Features

Connector Profile	Standard
Primary Product Color	Black

Contact Features

Contact Underplating Material	Nickel
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	1 µm[39.37 µin]

Contact Layout	Inline
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	1 µm[39.37 µin]
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin
Contact Current Rating (Max)	2 A

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

Mechanical Attachment

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

Housing Features

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

Dimensions

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

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

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

Packaging Features

Packaging Quantity	300
Packaging Method	Tray

Product Compliance

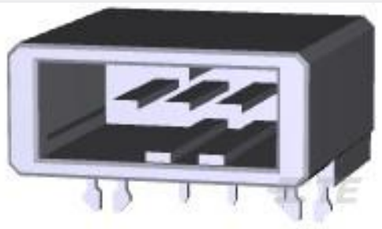
For compliance documentation, visit the product page on TE.com>

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 2025 (250) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Melamine (3% in Component Part) **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 < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 240°C

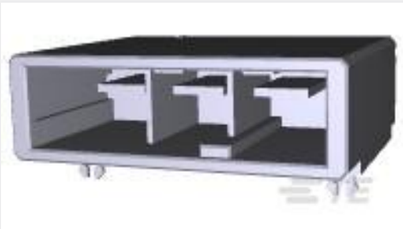
Product Compliance Disclaimer

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

Customers Also Bought



TE Part #1-178293-2
DYNAMIC D3100 HDR H 3P ASSY PdNi & Au PL



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



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



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



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



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



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



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

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