



Connectors > PCB Connectors > PCB Headers & Receptacles



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

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

Number of Positions: **4**

Number of Rows: **1**

Centerline (Pitch): **2.5 mm [.098 in]**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	4
Number of Rows	1
PCB Mount Orientation	Vertical

Body Features

Primary Product Color	Black
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Contact Features

Contact Mating Area Plating Material Thickness	2 µm[80 µin]
Contact Mating Area Plating Material Finish	Bright



Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	4.2 A

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With

Housing Features

Housing Material	PBT
Centerline (Pitch)	2.5 mm[.098 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Bag, Box
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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: JUNE 2024 (241)



Candidate List Declared Against: JUNE 2024 (241)
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



TE Part # 4-2338183-4
EP 2.5 HOUSING 4P, BLACK, UL version



TE Part # 4-2338244-4
EP2.5 HDR 4P VERT W/O BOSS, BLACK,UL

Also in the Series | Economy Power 2.5



Connector Contacts(6)



Connector Hardware(49)



PCB Headers & Receptacles(537)



Wire-to-Board Connector Assemblies & Housings(305)

Documents

Product Drawings
EP2.5 HDR 4P VERT BOSS,BLACK,UL
English



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-2338245-4_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-2338245-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-2338245-4_A.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English