

1-172732-0 ✓ ACTIVE

TE Internal #: 1-172732-0

PCB Mount Header, Vertical, Wire-to-Board, 10 Position, 2.5 mm [.098 in] Centerline, Partially Shrouded, Tin-Lead, Through Hole - Solder, Signal

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Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: **10**

Number of Rows: **1**

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

PCB Mount Orientation: **Vertical**

Features

Product Type Features

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

Configuration Features

Number of Positions	10
Number of Rows	1
PCB Mount Orientation	Vertical

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Connector Profile	Low
Primary Product Color	Natural

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
Contact Mating Area Plating Material Thickness	.8 μ m[31.49 μ in]
PCB Contact Termination Area Plating Material	Tin



Contact Base Material	Brass
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Contact Mating Area Plating Material	Tin-Lead
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Contact Type	Pin
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Contact Current Rating (Max)	3.5 A
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Termination Features

Termination Post & Tail Length	3.6 mm[.142 in]
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Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Mating Alignment Type	Polarization
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Mating Retention	With
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Panel Mount Feature	Without
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PCB Mount Retention Type	Retention Solder Tails
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Mating Retention Type	Polarized Lock
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Connector Mounting Type	Board Mount
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Mating Alignment	With
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PCB Mount Alignment	With
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PCB Mount Retention	With
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Housing Features

Housing Material	66 Nylon
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Centerline (Pitch)	2.5 mm[.098 in]
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Dimensions

Connector Length	25 mm[.984 in]
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Connector Height	10.4 mm[.409 in]
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PCB Thickness (Recommended)	1.6 mm[.063 in]
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Usage Conditions

Operating Temperature Range	-20 – 95 °C[-4 – 203 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	250
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Packaging Type

Bag, Box

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 2022 (224)
 Candidate List Declared Against: JUNE 2022 (224)
 Does not contain REACH SVHC

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 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



Documents

[Product Drawings](#)

[PHOS HEADER ASSY WITH KINK](#)



Japanese

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-172732-0_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-172732-0_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-172732-0_G.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1-1773972-5_EIS_Connectors_Brochure](#)

English

Product Specifications

[Crimping of AMP EI Series Connector Contacts](#)

Japanese

[Application Specification](#)

Japanese

Agency Approvals

[Agency Approval Document](#)

English