



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **17**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	17
Number of Rows	1

Body Features

Primary Product Color	Black
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Contact Features

PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	2.54 – 5.08 μm[100 – 200 μin]
Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Square
PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 μm[100 – 200 μin]



Contact Layout	Inline
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

Mating Retention	With
Mating Alignment Type	Latched, Polarization
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	High Temperature Thermoplastic
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Connector Height	6.68 mm[.26 in]
Connector Length	45.72 mm[1.79 in]

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °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	11
Packaging Method	Tube



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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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	Reflow solder capable to 260°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



Also in the Series | AMPMODU MTE



Board-to-Board Headers & Receptacles(24)	Connector Caps & Covers(18)	Connector Contacts(27)	Connector Hardware(1)
Insertion & Extraction Tools(1)	PCB Headers & Receptacles(444)	Wire-to-Board Connector Assemblies & Housings(298)	Wire-to-Board Headers & Receptacles (420)

Customers Also Bought

TE Part #CAT-D48-ST273 DEUTSCH Solid Contacts	TE Part #DT04-2P REC, 2P, GRY, N	TE Part #DT06-2S PLG, 2P, GRY, N	TE Part #CAT-D487-W416 Wedgelocks: DEUTSCH DT
TE Part #CAT-AM71-CH8172 AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING	TE Part #281934-2 SINGLE WIRE SEAL	TE Part #114017-ZZ SEALING PLUG, SIZE 12/16, WHT	

Documents

Product Drawings
17 MTE VERT SMT HDR, w/o caps or bdlocks
English

CAD Files
Customer View Model
ENG_CVM_CVM_5-1825574-4_E.3d_igs.zip
English
Customer View Model



[ENG_CVM_CVM_5-1825574-4_E.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1825574-4_E.2d_dxf.zip](#)

English

3D PDF

3D

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

Datasheets & Catalog Pages

[AMPMODU MTE INTERCONNECT SYSTEM](#)

English

Product Specifications

Product Specification

English

[AMPMODU* MTE Right Angle Surface Mount Connector](#)

English