



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **6**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
Board-to-Board Configuration	Perpendicular
PCB Mount Orientation	Right Angle
Number of Positions	6
Number of Rows	1

Electrical Characteristics

Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 Vrms

Body Features

Primary Product Color	Green
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Contact Features



Contact Underplating Material	Nickel
Contact Mating Area Plating Material Thickness	.8 µm[31.5 µin]
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	2.5 µm
Contact Shape & Form	Square
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold (Au), Gold Flash
Contact Type	Pin
Contact Current Rating (Max)	5 A

Termination Features

Termination Post & Tail Length	3.2 mm[.126 in]
Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	Without

Housing Features

Housing Material	PBT
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
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Usage Conditions

Housing Temperature Rating	Standard
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	CSA LR7189, UL E28476



UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	500
Packaging Method	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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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



TE Part # 925369-6
MOD 4 REC.HSG 1X06P



Also in the Series | **AMPMODU Headers**

Automotive Headers(1)	Board-to-Board Headers & Receptacles(1576)	Connector Contacts(47)	Connector Hardware(1)
PCB Headers & Receptacles(1621)	Rectangular Power Connectors(43)	Wire-to-Board Connector Assemblies & Housings(5)	Wire-to-Board Headers & Receptacles (114)

Customers Also Bought

 TE Part #1-2176326-7 CRGP 0603 220R 1%	 TE Part #374000-E STVR 96 MI ABC VVW 4-00 GA06 4,0 * 247 E	 TE Part #244304-E STVC 96 F ABC VVW 7-00 0606 13,0 * 247 E	 TE Part #5-1622820-0 3520 47R 5%
 TE Part #8-2176523-7 3503G 2B 402R 1% 1K RL	 TE Part #1-2176546-5 RLW73P H2 1% R15 200ppm 1k RL	 TE Part #1879334-1 CPF 0603 2R0 1% 50PPM 1K RL	 TE Part #4-2176070-2 3521 510R 1% 2W
 TE Part #2176474-9 RA73F 1J 665R 0.1% 1K RL	 TE Part #50863-4 SOCKET,MIN-SPR AU-AU SER-2		



Documents

Product Drawings

MOD II HDR R.A.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_825437-6_V.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_825437-6_V.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_825437-6_V.3d_stp.zip

English

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Agency Approvals

UL Report

English