



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: **24**

Number of Rows: **2**

Features

Product Type Features

PCB Connector Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Partially Shrouded
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	24
Number of Rows	2

Electrical Characteristics

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

Body Features

Connector Profile	Standard
Primary Product Color	Black

Contact Features



Contact Underplating Material	Nickel
Contact Mating Area Plating Material Thickness	.8 μm[31.5 μin]
Contact Shape & Form	Round
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
Contact Type	Pin
Contact Current Rating (Max)	5 A

Termination Features

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

Mechanical Attachment

Mating Retention Type	Detent Latching
Mating Retention	With
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	Without

Housing Features

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

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]

Usage Conditions

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

Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards

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UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	250
Packaging Method	Carton

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: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Pin-in-Paste 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 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 #2176404-7 3550 24K 1%	 TE Part #1625856-8 RH73 2A 50M 10% 100PPM 1K RL	 TE Part #4-282832-0 TERMI-BLOK PIN HEAD SPL 6POS	 TE Part #2-292173-9 CT BOX HDR H SMT 9P O/TAPE BLA
 TE Part #282841-6 TERMI-BLOK PCB MOUNT 6P. 5	 TE Part #1734795-4 RJ45,8P8C,SHD,W/O LED,DIP 50u"	 TE Part #2-2176331-8 CRGP 2512 1K8 1%	 TE Part #5-147279-9 16 MODII HDR DR SFMT B/A T&R L
 TE Part #826634-8 08P MODU 2 PIN HDR	 TE Part #3-1393641-1 V42254B2202C960=PC612 FEDERLEI		



Documents

Product Drawings

2X12P MOD II SHROUDED HEADER, RT ANG.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-826470-2_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-826470-2_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-826470-2_H.3d_stp.zip

English

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Agency Approvals

UL Report

English