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

View on TE.com >



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: PCB Mount Header

PCB Mount Orientation: Vertical
Connector System: Wire-to-Board

Number of Positions: 10

Number of Rows: 1

### **Features**

### **Product Type Features**

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

## **Configuration Features**

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

#### **Electrical Characteristics**

## **Body Features**

Connector Profile	Low
Primary Product Color	Natural

#### **Contact Features**

Contact Mating Area Plating Material Thickness	.8 μm[31.49 μin]
Mating Square Post Dimension	.64 mm[.025 in]



Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin-Lead
Contact Type	Pin
Contact Current Rating (Max)	3.5 A
Termination Features	
Termination Post & Tail Length	3.6 mm[.142 in]
Termination Method to PCB	Through Hole - Solder
Mechanical Attachment	
Panel Mount Feature	Without
Mating Retention Type	Polarized Lock
Mating Retention	With
PCB Mount Retention Type	Retention Solder Tails
Mating Alignment Type	Polarization
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With
Housing Features	
Housing Material	66 Nylon
Centerline (Pitch)	2.5 mm[.098 in]
Dimensions	
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	10.4 mm[.409 in]
Connector Length	25 mm[.984 in]
Jsage Conditions	
Operating Temperature Range	-20 - 95 °C[-4 - 203 °F]
Operation/Application	
Circuit Application	Signal
ndustry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	



Packaging Quantity	250
Packaging Method	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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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

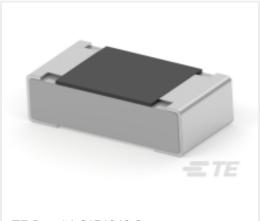
# Compatible Parts



# Customers Also Bought

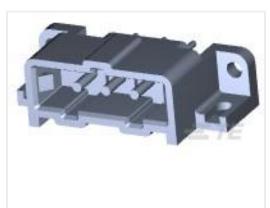
PCB Mount Header, Vertical, Wire-to-Board, 10 Position, 2.5 mm [.098 in] Centerline, Partially Shrouded, Tin-Lead, Through Hole - Solder, Signal



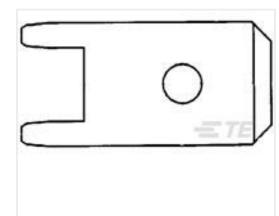


TE Part #4-2176340-3 CRGCQ 0603 10M 5%





TE Part #207365-8 METRIMATE PIN HDR ASY,3P LF



TE Part #170267-1 250 FASTON,PCB TAB,TCBR



TE Part #5-104074-5 25 SYSTEM 50 HDR SRRA SHRD SN



TE Part #1376164-1 BATTERY HOLDER ML621 ASSY



CRGCQ 0402 120K 1%

TE Part #5786555-7 68 50SR VRT RCPT,FL TOP,ACT PN



TE Part #DT15-12PB HDR, 12P, BLK, ST, NI/CU, B



### **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 El Series Connector Contacts

Japanese

**Application Specification** 

Japanese

Agency Approvals

Agency Approval Document

English