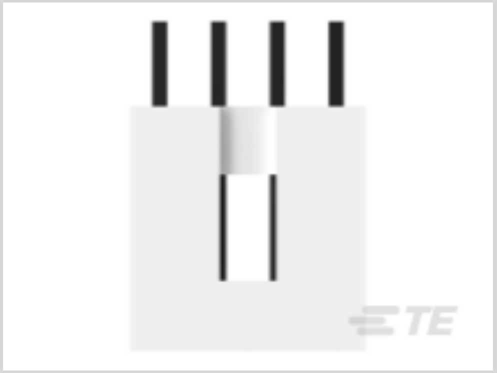
171825-4 ✓ ACTIVE

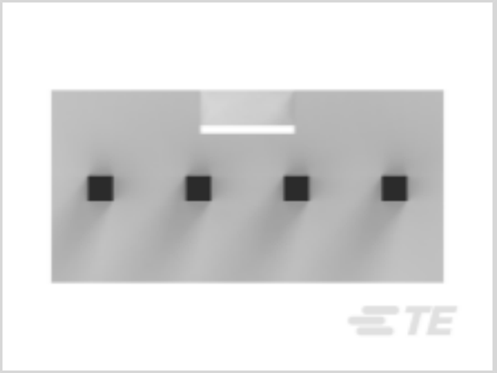
TE Internal #: 171825-4

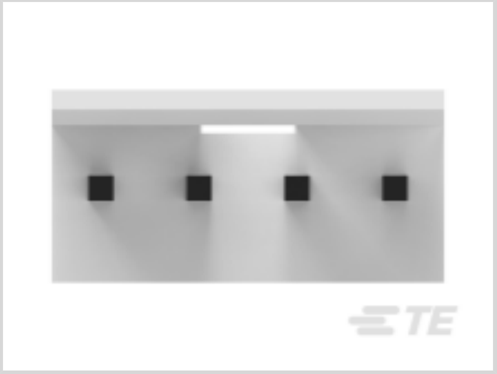
PCB Mount Header, Vertical, Wire-to-Board, 4 Position, 2.5 mm [.098 in] Centerline, Partially Shrouded, Tin (Sn), Through Hole - Solder, Signal

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: **4**

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

Features

Product Type Features

PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Partially Shrouded
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	4
Number of Rows	1

Body Features

Primary Product Color	Natural

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
Contact Mating Area Plating Material	Tin (Sn)

Contact Mating Area Plating Material Thickness	.8 µm[31.49 µin]
Contact Current Rating (Max)	3.5 A

Termination Features

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

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	Brass

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Bag

Product Compliance

For compliance documentation, visit the product page on TE.com>

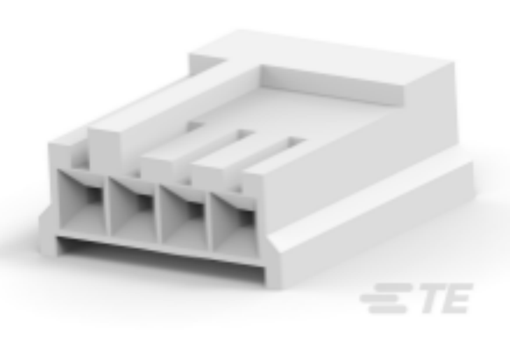
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250)

	Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 240°C

Product Compliance Disclaimer

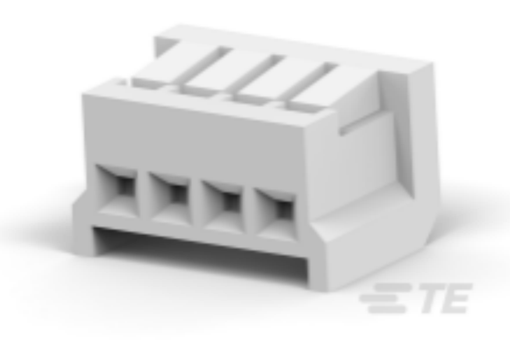
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 171822-4

EIS REC. HSG 4P-NATURAL



TE Part # 172142-4

EIS LOW PROFILE HSG 4P NATURAL

TE Part # 174810-4

EIS POST HDR ASSY V TUBE PACK

Customers Also Bought

TE Part #171825-5

5 POS EIS POST HDR

TE Part #171825-7

V-TYPE E.I.S.CONN. 7P ASSY

TE Part #171825-8

POST HDR ASSY VERT AMP EI CONN

TE Part #171825-9

9P EIS POST HDR VERTICAL

TE Part #1-171825-0

EIS HSG

TE Part #1-171825-2

POST HDR ASSY VERT AMP EI CONN

TE Part #171826-8

H-TYPE E.I.S.CONN. 8P ASSY

TE Part #172106-6

V-TYPE E.I.S CONN. 6P ASSY

TE Part #640453-9

09P MTA100 HDR ASSY SQ R/A

TE Part #4-174637-0

1.25FP,R04,SL,B,N,BG

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_171825-4_Y2.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_171825-4_Y2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_171825-4_Y2.3d_stp.zip

English

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