

171825-4 ✓ ACTIVE

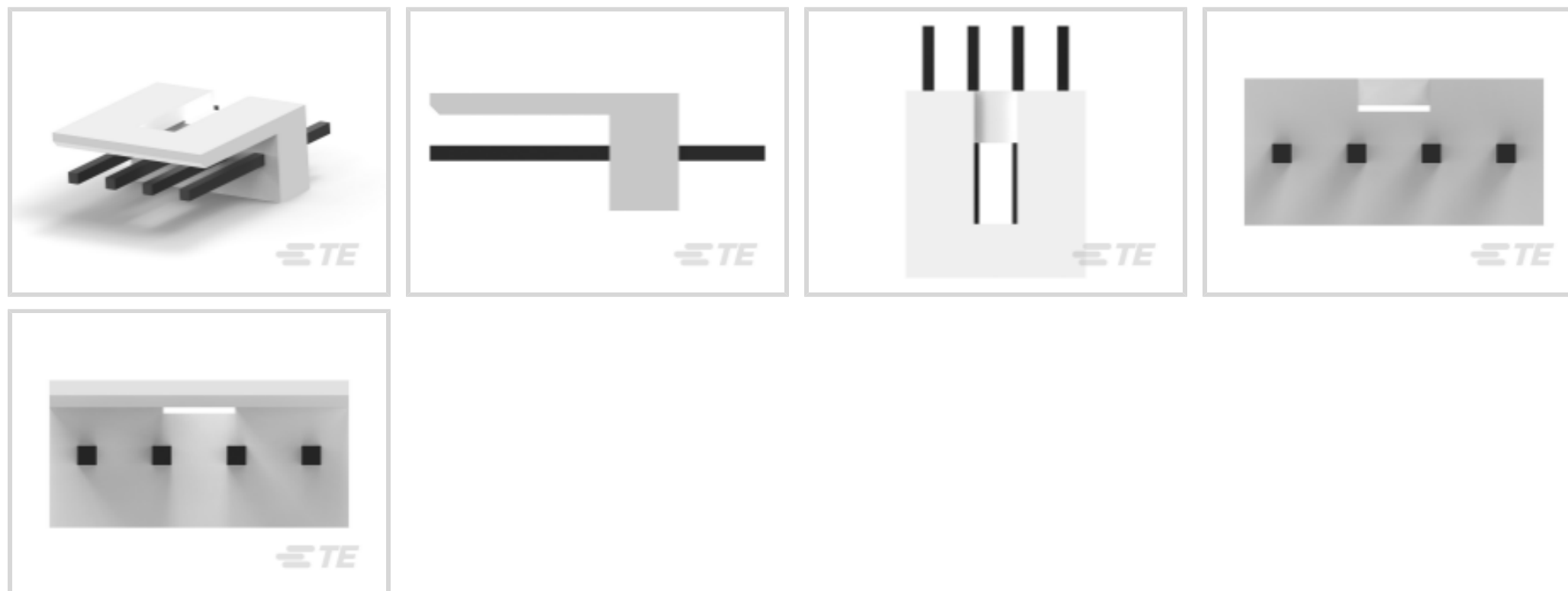
TE Internal #: 171825-4

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

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: **4**

Number of Rows: **1**

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

PCB Mount Orientation: **Vertical**

Features

Product Type Features

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

Configuration Features

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

Body Features

Primary Product Color	Natural
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Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
Contact Mating Area Plating Material Thickness	.8 μ m[31.496 μ in]
Contact Mating Area Plating Material	Tin



Contact Current Rating (Max)	3.5 A
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Termination Features

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

Mechanical Attachment

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

Housing Features

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

Usage Conditions

Operating Temperature Range	-20 – 95 °C[-4 – 203 °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 Type	Bag
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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: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

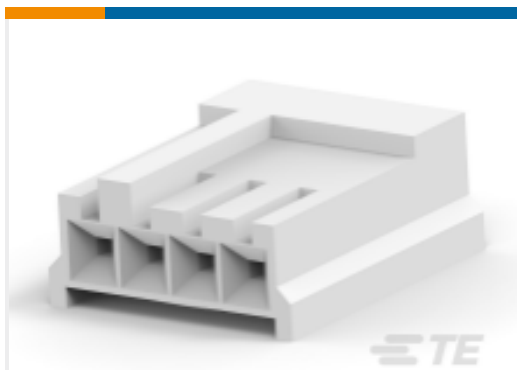
Solder Process Capability

Wave solder capable to 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 #4-641126-3
13P MTA100 HDR ASY FL/STR LF



TE Part #1-171825-2
POST HDR ASSY VERT AMP EI CONN



TE Part #1-171825-0
EIS HSG



TE Part #171825-8
POST HDR ASSY VERT AMP EI CONN



TE Part #171825-5
5 POS EIS POST HDR



TE Part #2-1437538-1
832-AG10D=SOCKET ASSY



TE Part #171825-7
V-TYPE E.I.S.CONN. 7P ASSY



TE Part #2-1513472-4
UAM ASSEMBLY 500 MM CABLE BLACK



Documents

Product Drawings

[TYPE V EIS CONNECTOR 4P ASSY](#)

English

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

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 EI Series Connector Contacts](#)

Japanese

[Application Specification](#)

Japanese

Product Environmental Compliance

[MD_171825-4_052120181012_dmtec](#)

English

[MD_171825-4_052120181012_dmtec](#)

English

Agency Approvals

[Agency Approval Document](#)

171825-4

PCB Mount Header, Vertical, Wire-to-Board, 4 Position, .098 in [2.5 mm] Centerline,
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English