171826-3 ✔ ACTIVE

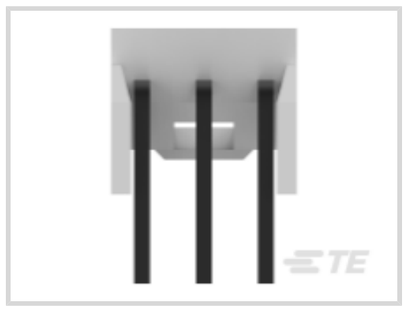
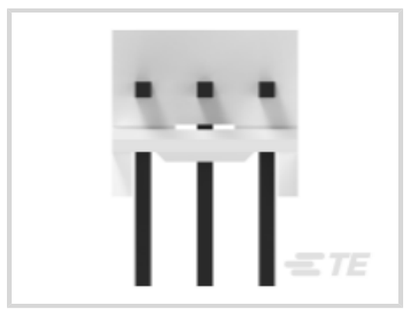
TE Internal #: 171826-3

PCB Mount Header, Horizontal, Wire-to-Board, 3 Position, 5mm [.197in] Centerline, 1 Row, Tin, Natural Housing Color, Partially Shrouded

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Horizontal**

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

Number of Positions: **3**

Centerline (Pitch): **5 mm [.197 in]**

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Horizontal
Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Connector Profile	Low

Contact Features

Contact Mating Area Length	7.5 mm[.295 in]
Mating Square Post Dimension	.64 mm[.025 in]
Contact Retention Within Housing	Without
PCB Contact Termination Area Plating Material Thickness	.8 µm
Contact Shape & Form	Square
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.8 µm[31.49 µin]
Contact Type	Pin
Contact Current Rating (Max)	5 A

Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Post & Tail Length	3.6 mm[.142 in]
Termination Method to Wire & Cable	Crimp
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Strain Relief	Without
Mating Alignment Type	Polarization
Mating Alignment	With
Panel Mount Feature	Without
PCB Mount Retention Type	Retention Solder Tails
Mating Retention Type	Polarized Lock
PCB Mount Alignment	Without
Mating Retention	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	5 mm[.197 in]
Housing Color	Natural
Housing Material	6/6 Nylon

Dimensions

Connector Length	7.5 mm[.295 in]

Connector Height	6.7 mm[.264 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Agency/Standard	UL
CSA Certified	Yes

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag/Box

Product Compliance

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

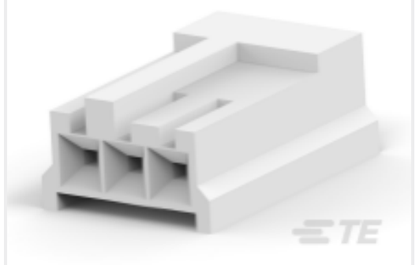
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not 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

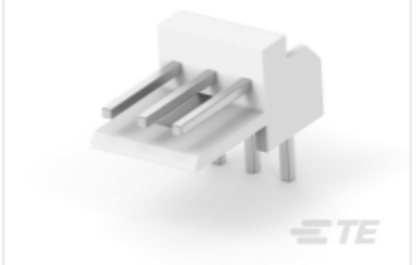
Compatible Parts



TE Part # 171822-3
EIS REC. HSG 3P-NATURAL



TE Part # 172142-3
EIS LOW PROFILE HSG 3P NATURAL



TE Part # 175515-3
EI POST HDR IN TUBE 171826-3

Customers Also Bought



TE Part #1-1903128-4
DYNAMIC 1100 REC AND TAB HSG



TE Part #1-917337-3
DYNAMIC 3200 HDR ASSY



TE Part #1-171825-0
EIS HSG



TE Part #1565994-4
RITS HDR ASSY R/A SMT TYPE 4P WITH BOSS



TE Part #1-171822-0
EIS REC. HSG 10P-NATURAL



TE Part #170048-2
110 FASTON,REC.,24-20 AWG,TPBR



TE Part #170121-1
MATE-N-LOK SKT L.P.



TE Part #1-171826-0
EI.SRS.POST HDR.ASS

TE Part #7-6447225-6
JMI6LH-09CCS

Documents

Product Drawings

3P POST HEADER ASSY EI

English

3P POST HEADER ASSY EI

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_171826-3_Y3.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_171826-3_Y3.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_171826-3_Y3.3d_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_171826-3_030320181233_dmtec

English

Agency Approvals

Agency Approval Document

English