

171826-5 ✓ ACTIVE

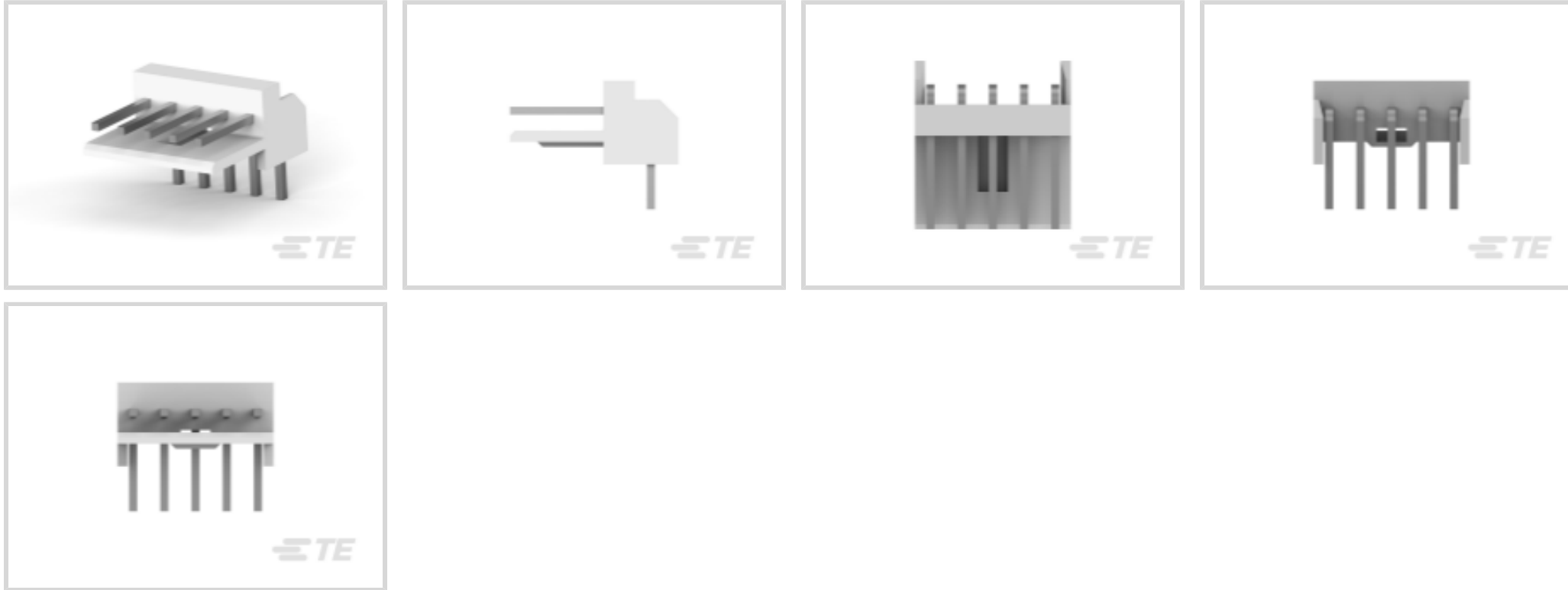
TE Internal #: 171826-5

PCB Mount Header, Horizontal, Wire-to-Board, 5 Position, 2.5 mm [.098 in] Centerline, Partially Shrouded, Nickel, Through Hole - Solder, Signal

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Connectors > PCB Connectors > PCB Headers & Receptacles



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

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

PCB Mount Orientation: **Horizontal**

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

Features

Other

| | |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance | Compliant |

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 | 5 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|



Body Features

| | |
|-----------------------|---------|
| Connector Profile | Low |
| Primary Product Color | Natural |

Contact Features

| | |
|---|-----------------|
| Mating Square Post Dimension | .64 mm[.025 in] |
| PCB Contact Termination Area Plating Material Thickness | .8 μ m |
| Contact Shape & Form | Square |
| Contact Mating Area Length | 7.5 mm[.295 in] |
| Contact Base Material | Brass |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Mating Area Plating Material Finish | Matte |
| Contact Mating Area Plating Material | Nickel |
| Contact Type | Pin |
| Contact Current Rating (Max) | 3.5 A |

Termination Features

| | |
|--|-----------------------|
| Termination Post & Tail Length | 3.6 mm[.142 in] |
| Square Termination Post & Tail Dimension | .64 mm[.025 in] |
| Termination Method to PCB | Through Hole - Solder |

Mechanical Attachment

| | |
|-------------------------|----------------|
| Panel Mount Feature | Without |
| Mating Retention Type | Polarized Lock |
| Mating Retention | With |
| Mating Alignment Type | Polarization |
| PCB Mount Retention | Without |
| PCB Mount Alignment | Without |
| Connector Mounting Type | Board Mount |
| Mating Alignment | With |

Housing Features

| | |
|--------------------|-----------------|
| Housing Material | 6/6 Nylon |
| Centerline (Pitch) | 2.5 mm[.098 in] |

Dimensions

| | |
|-----------------------------|-----------------|
| PCB Thickness (Recommended) | 1.6 mm[.063 in] |
|-----------------------------|-----------------|



| | |
|------------------|-----------------|
| Connector Height | 6.7 mm[.264 in] |
|------------------|-----------------|

| | |
|------------------|------------------|
| Connector Length | 12.5 mm[.492 in] |
|------------------|------------------|

Usage Conditions

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

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards

| | |
|---|----|
| Compatible With Agency/Standards Products | UL |
|---|----|

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 500 |
|--------------------|-----|

| | |
|------------------|----------|
| Packaging Method | Box, 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 | No Restricted Materials Above Threshold |
|---|---|

| | |
|--|---|
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC |
|--|---|

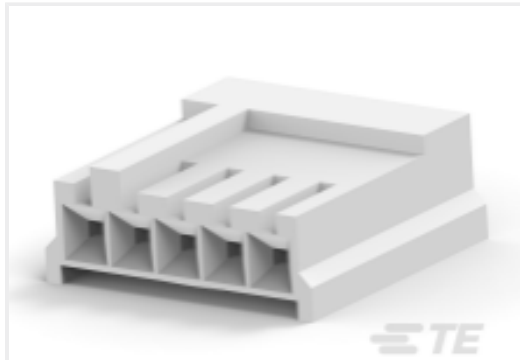
| | |
|-----------------|---|
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
|-----------------|---|

| | |
|---------------------------|------------------------------|
| 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



TE Part # 171822-5
EIS REC. HSG 5P-NATURAL



TE Part # 172142-5
EIS LOW PROFILE HSG 5P NATURAL

Customers Also Bought



TE Part #171826-6
POST HEADER ASSY HORIZ EI



TE Part #171826-8
H-TYPE E.I.S.CONN. 8P ASSY



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



TE Part #171825-5
5 POS EIS POST HDR



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



TE Part #171825-6
POST HDR ASSY VERT AMP EI CONN



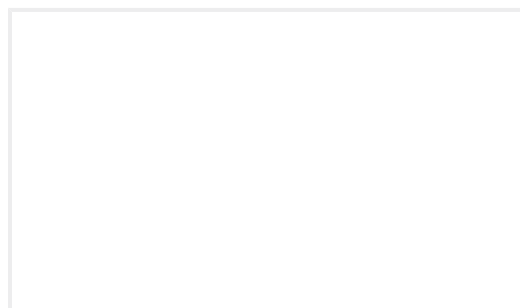
TE Part #171825-2
2 POS EIS POST HDR



TE Part #171825-4
TYPE V EIS CONNECTOR 4P ASSY



TE Part #1-171826-0
E.I.S.R.S.POST HDR.ASS



TE Part #0600-00057
ANT,2.4GHz,DIPOLE

Documents

Product Drawings

[POST HDR ASSY HDR AMP EI CONN](#)

English

[POST HDR ASSY HDR AMP EI CONN](#)

English



CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_171826-5_Y3.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_171826-5_Y3.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_171826-5_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

Agency Approvals

[Agency Approval Document](#)

English