



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 |
| Sealable | No |
| 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 |

Electrical Characteristics

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

Body Features

| | |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|

Contact Features

| | |
|--|------------------|
| Contact Mating Area Length | 3.4 mm[.134 in] |
| Mating Pin Diameter | .6 mm[.024 in] |
| Contact Mating Area Plating Material Thickness | .8 µm[31.49 µin] |
| Contact Shape & Form | Rounded |



| | |
|---|---------|
| PCB Contact Termination Area Plating Material | Pre-Tin |
| Contact Base Material | Brass |
| Contact Mating Area Plating Material | Tin |
| Contact Type | Pin |
| Contact Current Rating (Max) | 5 A |

Termination Features

| | |
|---|-----------------------|
| Round Termination Post & Tail Diameter | .6 mm[.024 in] |
| Termination Post & Tail Length | 3.17 mm[.125 in] |
| Termination Method to Printed Circuit Board | Through Hole - Solder |

Mechanical Attachment

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

Housing Features

| | |
|--------------------|-----------------|
| Housing Material | 66 Nylon |
| Centerline (Pitch) | 2.5 mm[.098 in] |

Dimensions

| | |
|-----------------------------|----------------------------|
| Connector Length | 12.5 mm[.492 in] |
| Connector Height | 6.48 mm[.255 in] |
| PCB Thickness (Recommended) | 1 – 1.6 mm[.039 – .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 |
|------------------------|----------|



Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 1000 |
| Packaging Type | 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: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) 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 |

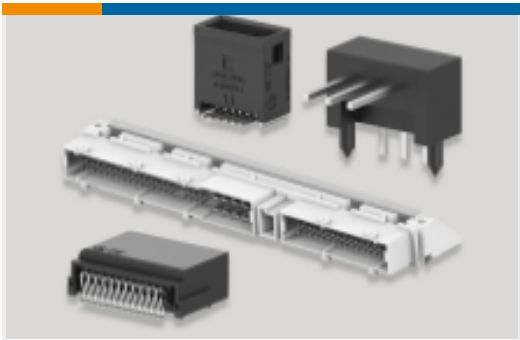
Product Compliance Disclaimer

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



Also in the Series | MIS



PCB Headers & Receptacles(23)



Wire-to-Board Connector Assemblies & Housings(25)



Wire-to-Board Connector Contacts(3)

Documents

Product Drawings

2.5 M.I.S POST HDR ASSY 4P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_177537-4_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_177537-4_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_177537-4_G.3d_stp.zip

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

CSA Certificate

English