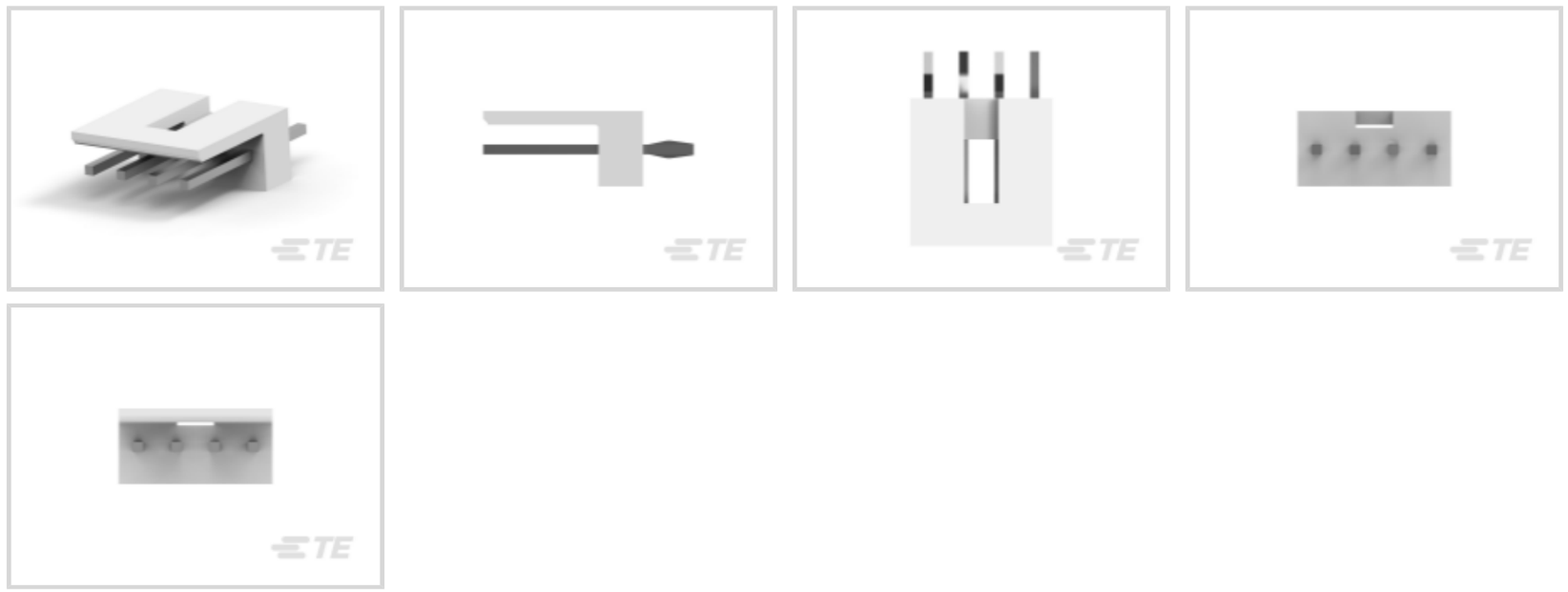
# 172732-4 ✔ ACTIVE

TE Internal #: 172732-4

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

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 |
| 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

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

## Contact Features

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

## Termination Features

| | |
|---|---|
| Termination Post & Tail Length | 3.6 mm[.142 in] |
| Termination Method to Printed Circuit Board | Through Hole - Solder |

## Mechanical Attachment

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

## Housing Features

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

## Dimensions

| | |
|---|---|
| Connector Length | 10 mm[.394 in] |
| Connector Height | 10.4 mm[.409 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 |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 1000 |
| Packaging Method | Bag, Box |

# Product Compliance

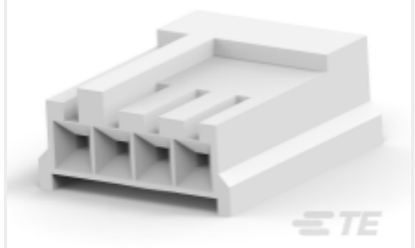
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>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

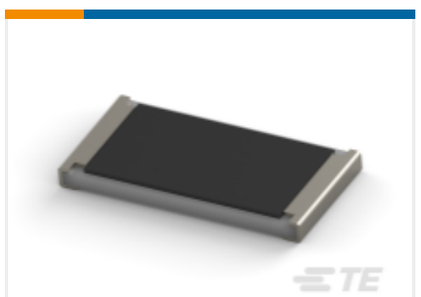
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

## Customers Also Bought



TE Part # 4-2176070-3
SMD Power Resistor: 2 Watt, 3521 Series



TE Part # 6609117-3
3EGS1-1=F7862 S0



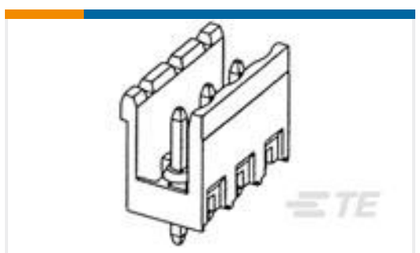
TE Part # 2309413-1
DDR4 SODIMM 260P 9.2H STD



TE Part # 1-1624094-2
3613C 2.2UH 10%



TE Part # 2-2013287-1
EMBOSS TAPE DDR3 204P 4H RVS



TE Part # 1-282825-0
TERMI-BLOK HEADER,ASSY90 10P.5



TE Part # 1-825437-2
MOD 2 PINHDR 1X12P.



TE Part # 749087-3
50SR SCREWLOCK KIT,FEMALE



TE Part # 2176308-2
RP 1E 0.1W 137K 0.1% 25PPM 5K RL

## Documents

### Product Drawings

POST HEADER 4P EIS WITH KINK

Japanese

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_172732-4_G.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_172732-4_G.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_172732-4_G.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof 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