

1969730-8 ✓ ACTIVE

Economy Power 2.5

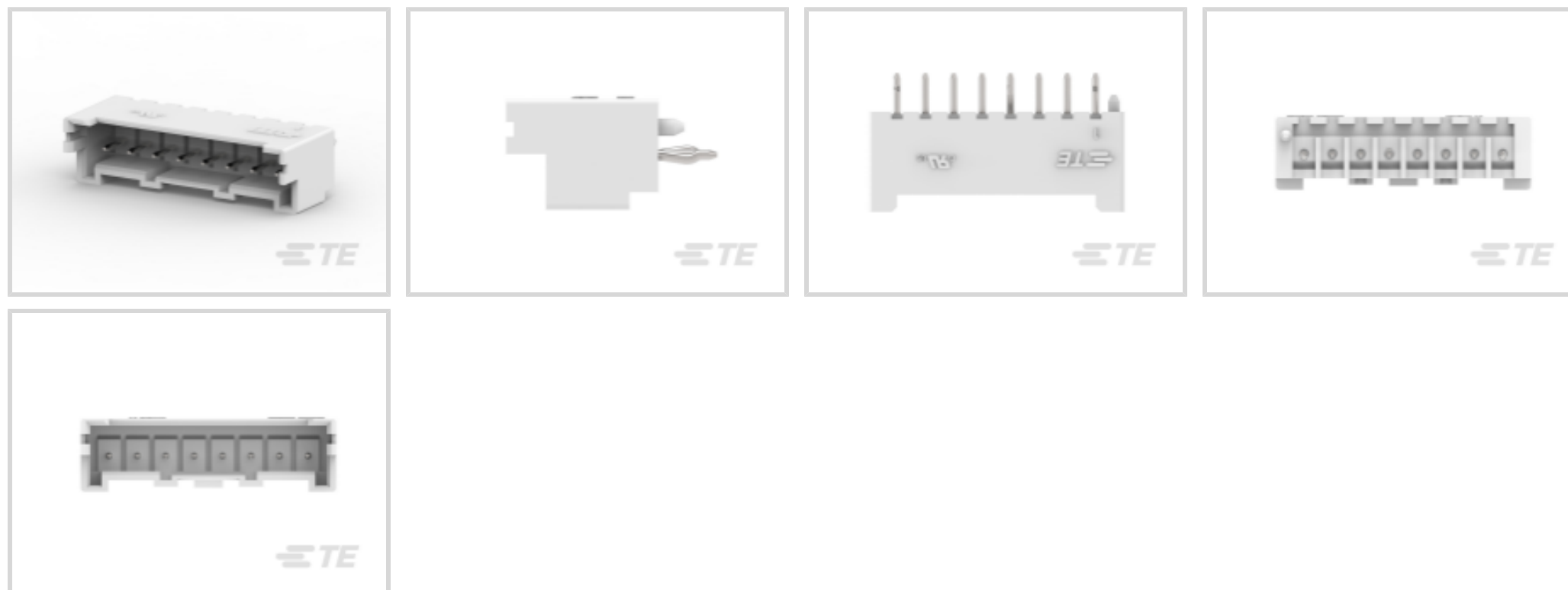
TE Internal #: 1969730-8

PCB Mount Header, Vertical, Wire-to-Board, 8 Position, 2.5 mm [.098 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Economy Power 2.5

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

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

PCB Mount Orientation: **Vertical**

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 | Fully Shrouded |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|-----------------------|----------|
| PCB Mount Orientation | Vertical |
| Number of Positions | 8 |
| Number of Rows | 1 |

Body Features

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



Contact Features

| | |
|--|----------------------------------|
| Contact Underplating Material | Nickel |
| Mating Pin Diameter | .6 mm[.024 in] |
| Contact Mating Area Plating Material Finish | Bright |
| Contact Mating Area Plating Material Thickness | 2 – 5 μ m[80 – 200 μ in] |
| Contact Mating Area Plating Material | Tin |
| Contact Type | Pin |
| Contact Current Rating (Max) | 4.2 A |

Termination Features

| | |
|----------------------------------|-----------------------|
| Termination Post & Tail Diameter | .6 mm[.024 in] |
| Termination Method to PCB | Through Hole - Solder |

Mechanical Attachment

| | |
|--------------------------|----------------|
| Mating Retention | With |
| PCB Mount Retention Type | Boardlock |
| Mating Alignment Type | Polarization |
| PCB Mount Alignment Type | Locating Posts |
| PCB Mount Retention | With |
| PCB Mount Alignment | With |
| Connector Mounting Type | Board Mount |
| Mating Alignment | With |

Housing Features

| | |
|--------------------|-----------------|
| Housing Material | PBT GF |
| Centerline (Pitch) | 2.5 mm[.098 in] |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

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

Packaging Features

| | |
|------------------|----------|
| 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 | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not reviewed for solder process capability |

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



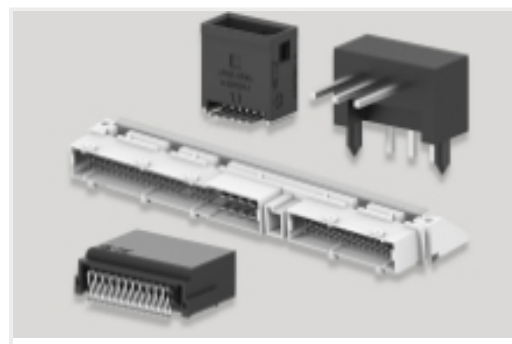
Also in the Series | [Economy Power 2.5](#)



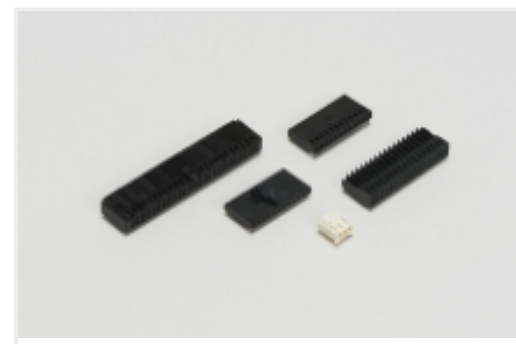
Connector Contacts(6)



Connector Hardware(49)

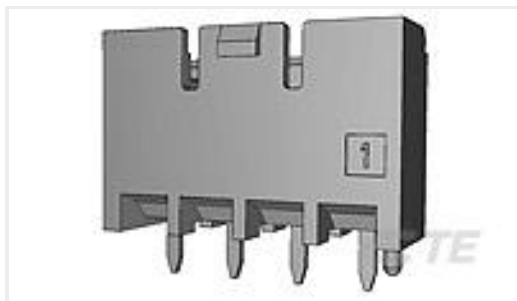


PCB Headers & Receptacles(533)

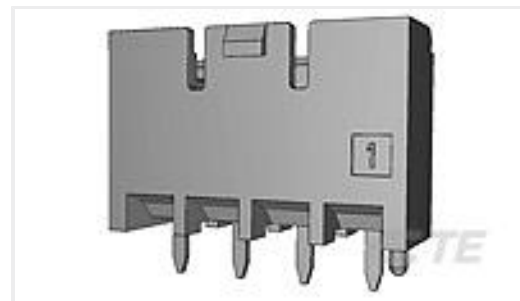


Wire-to-Board Connector Assemblies & Housings(305)

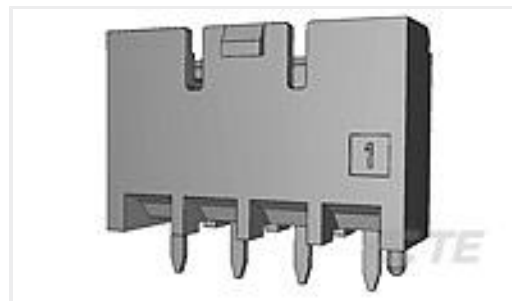
Customers Also Bought



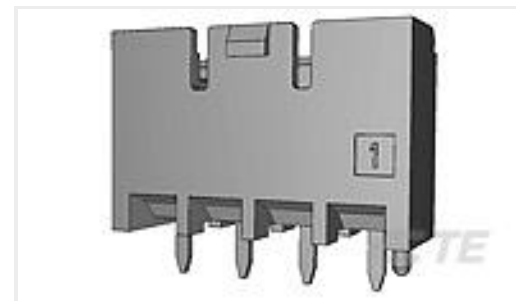
TE Part #1376387-1
5mm B-T-W Conn. 6P(2row) HDR A



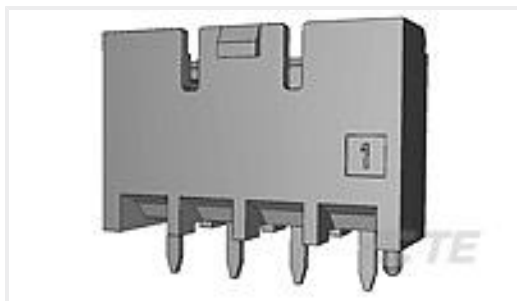
TE Part #1376382-1
5mm B-T-W Conn. 2P HDR ASSEMBL



TE Part #1376385-1
5mm B-T-W Conn. 6P HDR ASSEMBL



TE Part #2-1376383-3
5MM B-T-W CONN. 3P HDR ASSEMBL



TE Part #1376384-1
5mm B-T-W Conn. 4P HDR ASSEMBL



TE Part #1969688-3
PTL 1X3 PCB HEADER VERT STDTMP KEY A NAT



TE Part #1-1971817-6
6P,RAST 2.5 Tab Header,Ex- Locking, THV



TE Part #1-1969730-0
EP2.5 SHROUDED HDR ASSY 10P VERTICAL

Documents

Product Drawings

[EP2.5 SHROUDED HDR ASSY 8P VERTICAL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1969730-8_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1969730-8_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1969730-8_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.



Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English