



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **9**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

| | |
|----------------------------------|--------------------|
| Connector Contact Load Condition | Selectively Loaded |
| PCB Mount Orientation | Vertical |
| Number of Positions | 9 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 250 VDC |
|-------------------|---------|

Body Features

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



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

Contact Features

| | |
|------------------------------------------------|---------------|
| Contact Mating Area Plating Material Finish | Matte |
| Contact Mating Area Plating Material Thickness | 3 μm[120 μin] |
| Contact Mating Area Plating Material | Tin (Sn) |
| Contact Type | Pin |
| Contact Current Rating (Max) | 5 A |

Termination Features

| | |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
|---------------------------|-----------------------|

Mechanical Attachment

| | |
|-------------------------|--------------|
| 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 | Nylon |
| Centerline (Pitch) | 3.96 mm[.156 in] |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -30 – 105 °C[-22 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

| | |
|---------------------------------------------|---------------------------|
| Compatible With Agency/Standards Products | UL |
| Compatible With Approved Standards Products | UL E28476 |
| Glow Wire Rating | GWT 750°C (Without Flame) |
| UL Flammability Rating | UL 94V-0 |

Packaging Features

| | |
|------------------|-----|
| Packaging Method | 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



Connector Contacts(15)



Connector Hardware(2)



Power Contacts(9)



Rectangular Connector Housings(58)



Rectangular Power Connectors(460)



Standard Rectangular Connectors(58)

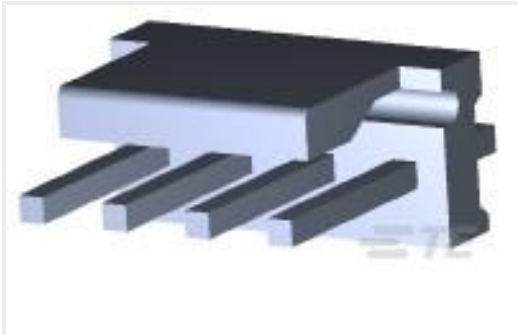


Wire-to-Board Connector Assemblies & Housings(141)

Customers Also Bought



TE Part #3-1437565-0
FSM2JSMATR=ON T/R



TE Part #640445-4
04P MTA156 HDR ASSY FL/STR SN

Documents

Product Drawings

9P EP HEADER , PIN#2 OMITTED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1744524-9_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-1744524-9_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-1744524-9_D.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English

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Authorized Distributor

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[4-1744524-9](#)