



TE Internal #: 1-2232960-6
 PCB Mount Header, Vertical, Wire-to-Board, 6 Position, 2.5 mm [.098 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Signal, Natural

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Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **6**

Number of Rows: **1**

Features

Electrical Characteristics

| | |
|-------------------|--------|
| Operating Voltage | 50 VAC |
|-------------------|--------|

Dimensions

| | |
|------------------|-----------------|
| Connector Height | 15.5 mm[.61 in] |
| Connector Length | 17.6 mm[.69 in] |

Industry Standards

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

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Housing Temperature Rating | Standard |
| Operating Temperature Range | -40 – 120 °C[-40 – 248 °F] |

Operation/Application

| | |
|------------------------|----------------|
| Solder Process Feature | Board Standoff |
| Circuit Application | Signal |

Mechanical Attachment



| | |
|--------------------------|---------------------|
| Mating Retention | With |
| PCB Mount Retention Type | None |
| Mating Alignment Type | Keyed, Polarization |
| PCB Mount Alignment Type | Locating Posts |
| PCB Mount Retention | Without |
| PCB Mount Alignment | With |
| Connector Mounting Type | Board Mount |
| Mating Alignment | With |

Termination Features

| | |
|--|-----------------------|
| Termination Post & Tail Length | 2.9 mm[.11 in] |
| Square Termination Post & Tail Dimension | .6 mm[.023 in] |
| Termination Method to PCB | Through Hole - Solder |

Contact Features

| | |
|--|-----------------------------|
| Contact Underplating Material | Nickel |
| PCB Contact Termination Area Plating Material Finish | Matte |
| Contact Mating Area Plating Material Thickness | 1.27 μ m[50.8 μ in] |
| Mating Tab Width | 1.5 mm[.059 in] |
| Contact Shape & Form | Square |
| Contact Layout | Staggered |
| Contact Base Material | Copper Alloy |
| Mating Tab Thickness | .6 mm[.024 in] |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Mating Area Plating Material Finish | Matte |
| Contact Mating Area Plating Material | Tin |
| Contact Type | Tab |
| Contact Current Rating (Max) | 2 A |

Housing Features

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

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 | 6 |
| Number of Rows | 1 |

Body Features

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

Packaging Features

| | |
|------------------|-------------|
| Packaging Method | Box, Carton |
|------------------|-------------|

Other

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

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

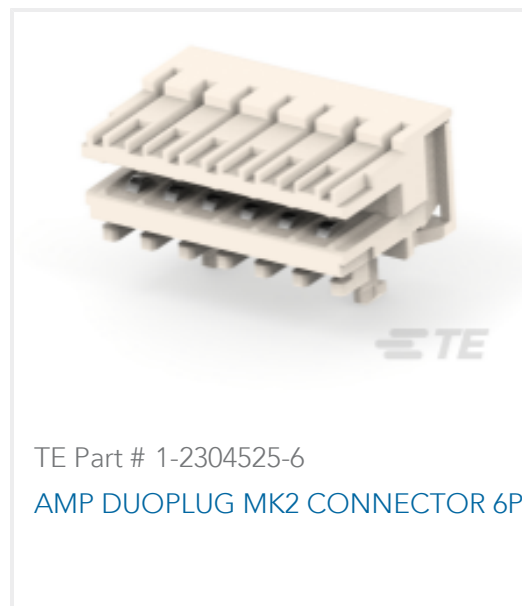
| | |
|---|--|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2021 (211) 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



Customers Also Bought



Documents

Product Drawings

6P POTTED RAST 2.5 HEADER

English



6P POTTED RAST 2.5 HEADER

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-2232960-6_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2232960-6_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2232960-6_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[RAST Connector System Catalog](#)

English

Product Specifications

[Product Specification](#)

English

Agency Approvals

[VDE Certificate](#)

English