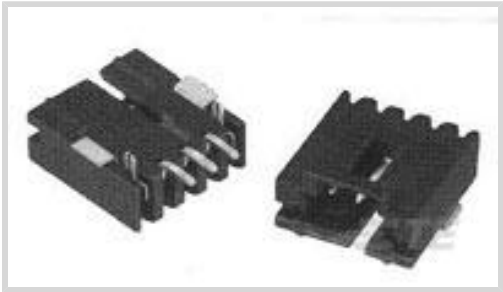




Connectors > PCB Connectors > PCB Headers & Receptacles



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

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

Number of Positions: **4**

Number of Rows: **1**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

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

|                       |             |
|-----------------------|-------------|
| Number of Positions   | 4           |
| Number of Rows        | 1           |
| PCB Mount Orientation | Right Angle |

Electrical Characteristics

|                                       |         |
|---------------------------------------|---------|
| Termination Resistance                | 15 mΩ   |
| Insulation Resistance                 | 5000 MΩ |
| Dielectric Withstanding Voltage (Max) | 600 V   |

Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Contact Features

|                              |                 |
|------------------------------|-----------------|
| Contact Mating Area Length   | 5.84 mm[.23 in] |
| Mating Square Post Dimension | .64 mm[.025 in] |



|                                                         |                               |
|---------------------------------------------------------|-------------------------------|
| PCB Contact Termination Area Plating Material Thickness | 2.54 – 5.08 µm[100 – 200 µin] |
| Contact Mating Area Plating Material Thickness          | .381 µm[30 µin]               |
| PCB Contact Termination Area Plating Material Finish    | Matte                         |
| Contact Shape & Form                                    | Square                        |
| PCB Contact Termination Area Plating Material           | Tin-Lead                      |
| Contact Base Material                                   | Brass                         |
| Contact Mating Area Plating Material                    | Gold                          |
| Contact Type                                            | Pin                           |
| Contact Current Rating (Max)                            | 3 A                           |

Termination Features

|                                          |                 |
|------------------------------------------|-----------------|
| Square Termination Post & Tail Dimension | .64 mm[.025 in] |
| Termination Post & Tail Length           | 3.05 mm[.12 in] |
| Termination Method to PCB                | Surface Mount   |

Mechanical Attachment

|                          |                       |
|--------------------------|-----------------------|
| Mating Alignment Type    | Latched, Polarization |
| Mating Retention         | With                  |
| Panel Mount Feature      | Without               |
| PCB Mount Retention Type | Hold-Down             |
| 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   | Thermoplastic  |
| Centerline (Pitch) | 2.54 mm[.1 in] |

Dimensions

|                             |                  |
|-----------------------------|------------------|
| Connector Length            | 15.24 mm[.6 in]  |
| Connector Height            | 6.65 mm[.262 in] |
| PCB Thickness (Recommended) | 1.57 mm[.062 in] |

Usage Conditions

|                            |      |
|----------------------------|------|
| Housing Temperature Rating | High |
|----------------------------|------|



Operating Temperature Range

-65 – 105 °C[-85 – 221 °F]

Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards

|                                             |                       |
|---------------------------------------------|-----------------------|
| Compatible With Approved Standards Products | CSA LR7189, UL E28476 |
| UL Flammability Rating                      | UL 94V-0              |

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 300         |
| Packaging Method   | Tape & Reel |

Product Compliance

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

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Not Compliant                                                                                                                                                                                                                                                                                                                                                                                                                 |
| EU ELV Directive 2000/53/EC                   | Not Compliant                                                                                                                                                                                                                                                                                                                                                                                                                 |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold                                                                                                                                                                                                                                                                                                                                                                                          |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>SVHC > Threshold:<br>Pb (40% in Component Part)<br><b>Article Safe Usage Statements:</b><br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                                                                                                                                                                                                                                                                                                                           |
| Solder Process Capability                     | Reflow solder capable to 260°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 # 103958-3  
5X4 MTE RCPT SR LATCH .100CL

TE Part # 103961-3  
5X4 MTE RCPT SR LATHC .100CL

Also in the Series | AMPMODU MTE

Connector Caps & Covers(20)

Connector Contacts(32)

Connector Hardware(1)

Insertion & Extraction Tools(1)

PCB Headers & Receptacles(456)

Wire-to-Board Connector Assemblies  
& Housings(364)

Customers Also Bought

TE Part #5207826-3  
HD-20 RCPT 9P VERT

TE Part #5-103735-8  
09 MTE HDR SRST LATCH .100CL

TE Part #5-103639-2  
03 MTE HDR SRST LATCH .100CL

TE Part #5-103639-5  
06 MTE HDR SRST LATCH .100CL



TE Part #5-103639-3  
04 MTE HDR SRST LATCH .100CL

TE Part #1-104480-4  
SHORT POINT RECP CONT LP

TE Part #103639-6  
07 MTE HDR SRST LATCH .100CL

TE Part #8-1437565-0  
FSMCTTR=TACTILE SWITCH T&R

TE Part #HPP805A031  
HM1500LF HUMIDITY MODULE

TE Part #5-103958-3  
5X4 MTE RCPT SR LATCH .100CL

Documents

Product Drawings  
04 MTE HDR SRRA SMT.100CL  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_147323-3\_J.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_147323-3\_J.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_147323-3\_J.3d\_stp.zip  
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages  
AMPMODU MTE INTERCONNECT SYSTEM  
English

Product Specifications  
Application Specification  
English