



Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **8**

Number of Rows: **1**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| PCB Connector Assembly Type | PCB Mount Header |
| Connector System | Board-to-Board |
| Header Type | Partially Shrouded |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|----------------------------------|--------------|
| Connector Contact Load Condition | Fully Loaded |
| PCB Mount Orientation | Vertical |
| Number of Positions | 8 |
| Number of Rows | 1 |
| Board-to-Board Configuration | Parallel |

Electrical Characteristics

| | |
|---------------------------------------|----------|
| Insulation Resistance | 5000 MΩ |
| Dielectric Withstanding Voltage (Max) | 750 Vrms |

Body Features

| | |
|-----------------------|----------|
| Connector Profile | Standard |
| Primary Product Color | Black |

Contact Features

| | |
|---|------|
| PCB Contact Termination Area Plating Material Thickness | 3 μm |
|---|------|



| | |
|--|----------------------------------|
| Mating Pin Diameter | .63 mm[.025 in] |
| Contact Shape & Form | Round |
| Contact Underplating Material | Nickel |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Base Material | Copper Zinc, Phosphor Bronze |
| Contact Mating Area Plating Material | Gold Flash over Palladium Nickel |
| Contact Mating Area Plating Material Thickness | .8 µm[31.5 µin] |
| Contact Type | Pin |
| Contact Current Rating (Max) | 3 A |

Termination Features

| | |
|---|-----------------------|
| Round Termination Post & Tail Diameter | .63 mm[.025 in] |
| Termination Post & Tail Length | 3.2 mm[.126 in] |
| Termination Method to Printed Circuit Board | Through Hole - Solder |

Mechanical Attachment

| | |
|-------------------------|-----------------|
| Mating Retention | With |
| Mating Retention Type | Detent Latching |
| Mating Alignment | With |
| Mating Alignment Type | Polarization |
| PCB Mount Retention | Without |
| PCB Mount Alignment | Without |
| Connector Mounting Type | Board Mount |

Housing Features

| | |
|--------------------|----------------|
| Centerline (Pitch) | 2.54 mm[.1 in] |
| Housing Material | Polyester-GF |

Dimensions

| | |
|-----------------------------|------------------|
| Row-to-Row Spacing | 2.54 mm[.1 in] |
| PCB Thickness (Recommended) | 1.57 mm[.062 in] |

Usage Conditions

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

Operation/Application

| | |
|------------------------|----------------|
| Solder Process Feature | Board Standoff |
|------------------------|----------------|



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

Industry Standards

| | |
|------------------------|------------------------|
| Agency/Standard | CSA |
| Approved Standards | CSA LR7189, CUL E28476 |
| UL Flammability Rating | UL 94V-0 |

Packaging Features

| | |
|--------------------|--------|
| Packaging Quantity | 150 |
| Packaging Type | Carton |

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Pin-in-Paste 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 # 926475-8
MOD 4 HSG

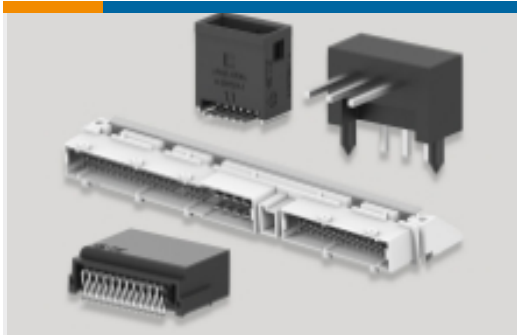
Also in the Series | AMPMODU Headers



PCB Connector Mounting(1)



PCB Connector Shrouds(1)



PCB Headers & Receptacles(4872)



PCB Latches, Locks & Retainers(1)



Wire-to-Board Connector Assemblies
& Housings(5)



Wire-to-Board Connector Contacts(65)

Customers Also Bought



TE Part #5747842-4
25 MSFL PLUG RA 318 (IN,FM,BL)



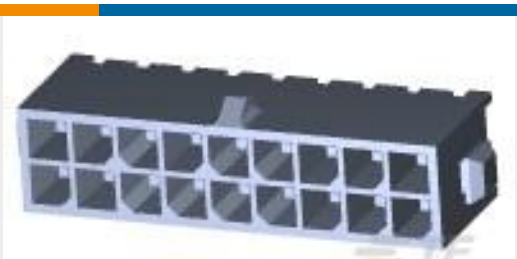
TE Part #9-966140-1
AMP MCP Unsealed Headers



TE Part #1393774-8
V23026A1002B201



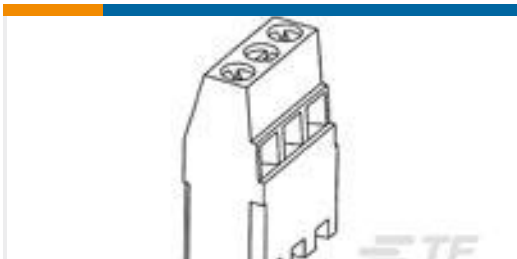
TE Part #1-826632-0
10P AMPMODU II PIN HDR.



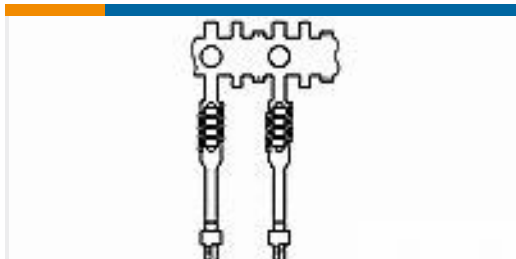
TE Part #4-794630-8
18P MICRO MNL ASSY,VRT,HDR,LF



TE Part #966870-1
MOD2 ST-WANNE 2X 8P



TE Part #282901-2
TERMI-BLOK PCB MOUNT 2ND 2P.5,



TE Part #2-963964-3
MQS STIFTE MAGAZ



Documents

Product Drawings

8P MOD II SHROUDED HEADER, ST

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_826467-8_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_826467-8_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_826467-8_F.3d_stp.zip

English

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Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Agency Approvals

UL Report

English