



Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **10**

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

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| PCB Connector Assembly Type | PCB Mount Header |
| Connector System | Board-to-Board |
| Header Type | Breakaway, Standard |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|----------------------------------|--------------|
| Number of Rows | 2 |
| Connector Contact Load Condition | Fully Loaded |
| PCB Mount Orientation | Right Angle |
| Number of Positions | 10 |
| Board-to-Board Configuration | Right Angle |

Body Features

| | |
|-------------------|----------|
| Connector Profile | Standard |
| Post Size | .63 mm |

Contact Features

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|---|----------|
| PCB Contact Termination Area Plating Material Thickness | 3 – 5 µm |
| Contact Shape & Form | Square |
| Contact Underplating Material | Nickel |



| | |
|---|-------------|
| PCB Contact Termination Area Plating Material | Tin |
| Contact Base Material | Brass, CuZn |
| Contact Mating Area Plating Material | Gold |
| Contact Type | Pin |

Termination Features

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|---|-----------------------|
| Termination Post & Tail Length | 3.2 mm[.1259 in] |
| Termination Method to Printed Circuit Board | Through Hole - Solder |

Mechanical Attachment

| | |
|-------------------------|-------------|
| Mating Alignment | Without |
| PCB Mount Retention | Without |
| PCB Mount Alignment | Without |
| Connector Mounting Type | Board Mount |

Housing Features

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

Dimensions

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|-----------------------------|----------------|
| Row-to-Row Spacing | 2.54 mm[.1 in] |
| PCB Thickness (Recommended) | .06 mm |

Usage Conditions

| | |
|-----------------------------|--------------|
| Housing Temperature Rating | Standard |
| Operating Temperature Range | -65 – 105 °C |

Operation/Application

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

Industry Standards

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

Packaging Features

| | |
|--------------------|--------|
| Packaging Quantity | 250 |
| Packaging Method | Carton |

Other

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



| | |
|---------|---------------------|
| Comment | With strain relief. |
|---------|---------------------|

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: JAN 2020 (205) Candidate List Declared Against: JUN 2016 (169) Does not contain REACH SVHC |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUN 2016 (169) |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Wave solder capable to 265°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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Model / Part # 925370-5
MOD IV REC HSG 2X5P.

Also in the Series | AMPMODU Headers

Automotive, Truck, Bus, & Off-Road Headers(10)

Board-to-Board Headers & Receptacles(5302)

PCB Connector Mounting(1)

PCB Connector Shrouds(1)

PCB Latches, Locks & Retainers(2)

Wire-to-Board Connector Assemblies & Housings(3)

Wire-to-Board Connector Contacts(45)

Wire-to-Board Headers & Receptacles (76)

Customers Also Bought

TE Model / Part #5-1437580-0
MSSA211NGRA=DP SLIDE W/ RA TER

TE Model / Part #4-1437580-9
MSSA211NG=SLIDE W/PC TERMINALS

TE Model / Part #825457-2
MOD 2 PINHDR 2X02P.

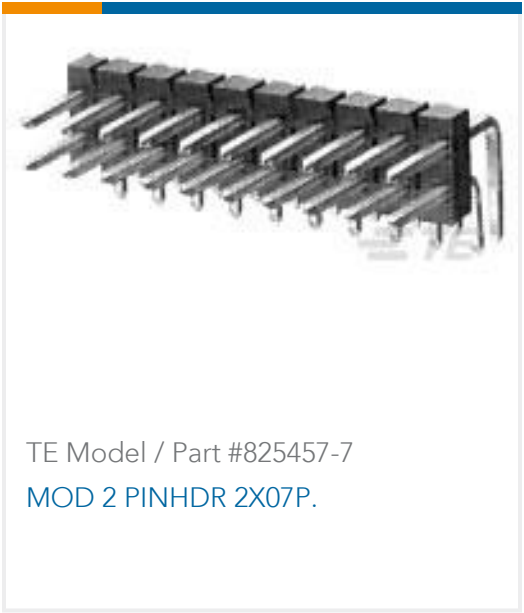
TE Model / Part #925370-5
MOD IV REC HSG 2X5P.

TE Model / Part #2-1879207-6
RN 0603 360R 0.1% 10PPM CUT LENGTH

TE Model / Part #1-825457-0
MOD 2 PINHDR 2X10P.

TE Model / Part #4-338310-2
15POS.HD20 PLUG ASS'Y

TE Model / Part #5-1375582-3
04 MTE VERTICAL SMT HDR 15 AU



Documents

Product Drawings

[MOD II HSG R.A. 5 POS](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_825457-5_T.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_825457-5_T.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_825457-5_T.3d_stp.zip](#)

English

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Agency Approvals

[UL Report](#)

English