



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **4**

Number of Rows: **2**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| PCB Connector Assembly Type | PCB Mount Receptacle |
| Connector System | Board-to-Board |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|------------------------------|----------|
| Stackable | Yes |
| PCB Mount Orientation | Vertical |
| Number of Positions | 4 |
| Number of Rows | 2 |
| Board-to-Board Configuration | Parallel |

Body Features

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

Contact Features



| | |
|---|----------------------|
| Contact Protection Type | Closed Entry Housing |
| Mating Square Post Dimension | .64 mm[.025 in] |
| PCB Contact Termination Area Plating Material Thickness | 2.5 µm |
| Contact Layout | Inline |
| Mating Pin Diameter | .63 mm[.025 in] |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Base Material | Phosphor Bronze |
| Contact Mating Area Plating Material | Gold |
| Contact Mating Area Plating Material Thickness | .762 µm[30 µin] |
| Contact Type | Socket |
| Contact Current Rating (Max) | 3 A |

Termination Features

| | |
|---|----------------|
| Rectangular Termination Post & Tail Thickness | .2 mm[.008 in] |
| Rectangular Termination Post & Tail Width | .7 mm[.027 in] |
| Termination Method to PCB | Surface Mount |

Mechanical Attachment

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

Housing Features

| | |
|-----------------------|------------------------------|
| Mating Entry Location | Bottom & Top |
| Centerline (Pitch) | 2.54 mm[.1 in] |
| Housing Material | LCP (Liquid Crystal Polymer) |

Dimensions

| | |
|-----------------------------|-----------------|
| Connector Height | 6.2 mm[.244 in] |
| Row-to-Row Spacing | 2.54 mm[.1 in] |
| Stack Height | 9 mm[.354 in] |
| PCB Thickness (Recommended) | 1.6 mm[.063 in] |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -65 – 125 °C[-85 – 257 °F] |
|-----------------------------|----------------------------|

Operation/Application



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

Industry Standards

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

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 600 |
| Packaging Method | Reel |

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 | 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 # 1241050-2
2x2P MOD II BREAK AWAY HDR,SMD,
BLISTER



TE Part # 826656-2
2P AMPMODU II STIFT LEI



TE Part # 826632-2
2P AMPMODU II II PIN HDR



TE Part # 826662-2
2P AMPMODU II STIFT LEI



TE Part # 826634-2
2P MOD2 STIFT LEI



TE Part # 826664-2
2P MOD2 STIFT LEI



TE Part # 966709-2
2X2P MODUII BREAK AWAY HEADER,
SMD

Also in the Series | AMPMODU HV-100/HV-190



PCB Headers & Receptacles(321)

Customers Also Bought



TE Part #1393258-2
V23047-A1005-A501



TE Part #1676298-2
RN 0805 301R 0.1% 10PPM 1KRL



TE Part #1825096-4
TPA11CGRA004



TE Part #969973-6
2x6P HV100 REC. CON, SMD, GOLD,
BLISTER



TE Part #3-2176371-6
RQ 0603 10K7 0.1% 10PPM 5K RL



TE Part #292253-5
CT CONN MT HDR ASSY H 5P NAT



TE Part #4-2176612-6
EP 3W (SS) 75R 5%



TE Part #4-2176612-7
EP 3W (SS) 82R 5%



Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_969973-2_E.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_969973-2_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_969973-2_E.3d_stp.zip](#)

English

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