



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

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

Number of Positions: **14**

Number of Rows: **2**

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

Features

Product Type Features

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

Configuration Features

| | |
|------------------------------|----------|
| Stackable | Yes |
| Number of Positions | 14 |
| Number of Rows | 2 |
| PCB Mount Orientation | Vertical |
| Board-to-Board Configuration | Parallel |

Body Features

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



Contact Features

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

Termination Features

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

Mechanical Attachment

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

Housing Features

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

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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 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 # 829394-7
2X7P MOD II UNSHRD HDR, ST, 0.8 AU



TE Part # 1241050-7
2x7P MOD II BREAK AWAY HDR,SMD, BLISTER



TE Part # 5-103326-7
14 MODII HDR DRRA B/A .100CL



TE Part # 826656-7
7P AMPMODU II STIFT LEI



TE Part # 5-147279-3
14 MODII HDR DR SFMT B/A T&R LF



TE Part # 826658-7
7P AMPMODU II STIFT LEI



TE Part # 826634-7
07P MODU 2 PIN HDR.

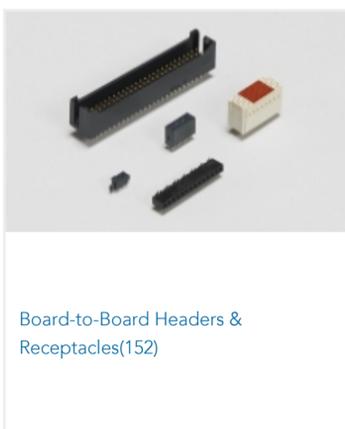


TE Part # 966709-7
2X7P MODU II BREAK AWAY HEADER, SMD



TE Part # 826632-7
7P AMPMODU II PIN HDR.

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



Board-to-Board Headers & Receptacles(152)



PCB Headers & Receptacles(152)

Customers Also Bought



TE Part #CAT-PA3-RT
EMC / RFI Chokes RT Series & RT Series N: High-Performance Chokes for Demanding Applications



TE Part #800114-SF
FN370-6-22



TE Part #384295-E
STVE 160 M ABCDE VVVVV 4-00 0606 ** 247



TE Part #644753-3
03P MTA156 HDR ASSY RN STR F/L



Documents

Product Drawings

2x7P HV100 REC. CON, SMD, GOLD, BLISTER

English

CAD Files

Customer View Model

[ENG_CVM_CVM_969973-7_E.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_969973-7_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_969973-7_E.3d_stp.zip](#)

English

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