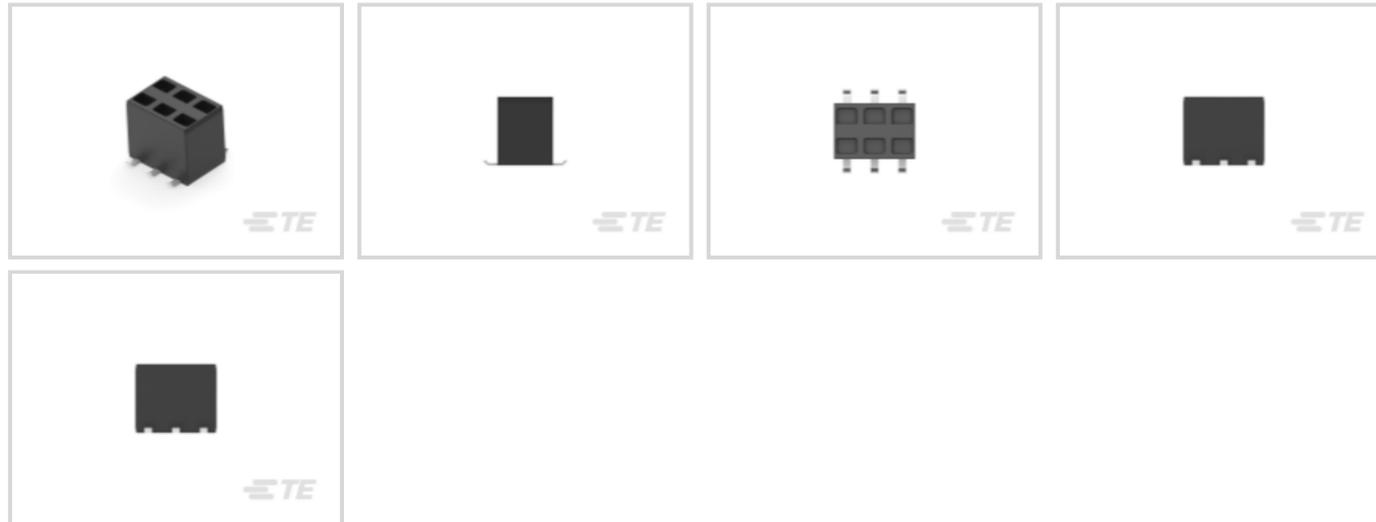




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

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

Number of Positions: **6**

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	6
Number of Rows	2
PCB Mount Orientation	Vertical
Board-to-Board Configuration	Parallel

### Body Features

Connector Profile	Standard
Primary Product Color	Black



### Contact Features

Contact Underplating Material	Nickel
Mating Pin Diameter	.63 mm[.025 in]
Contact Underplating Material Thickness	1.27 $\mu$ m[50 $\mu$ in]
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	2.5 $\mu$ m[98.42 $\mu$ in]
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 $\mu$ m[30 $\mu$ 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]
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### Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

### Industry Standards

UL Flammability Rating	UL 94V-0
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### 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

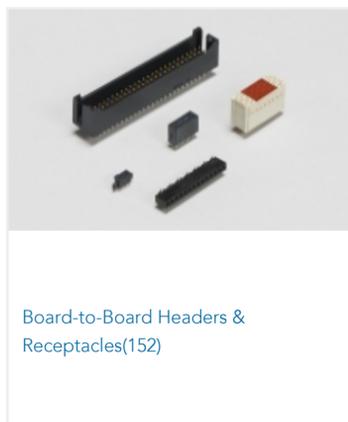
#### Product Compliance Disclaimer

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>

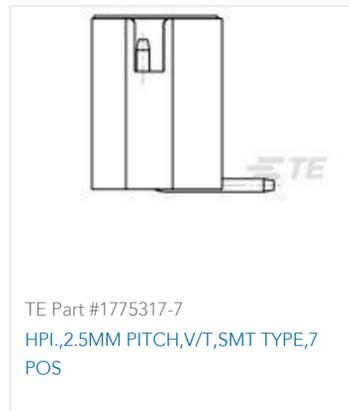
## Compatible Parts



## Also in the Series | [AMPMODU HV-100/HV-190](#)



## Customers Also Bought



## Documents

### Product Drawings

[2x3P HV100 REC. CON, SMD, GOLD, BLISTER](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_969973-3\\_E.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_969973-3\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_969973-3\\_E.3d\\_stp.zip](#)

English

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