

216602-4 ✓ ACTIVE

AMPMODU | AMPMODU HV-100/HV-190

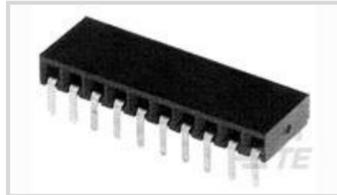
TE Internal #: 216602-4

PCB Mount Receptacle, Right Angle, Board-to-Board, 4 Position,  
2.54 mm [.1 in] Centerline, Gold (Au), Through Hole - Solder,  
AMPMODU HV-100/HV-190

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

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

Number of Positions: **4**

Number of Rows: **1**

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	4
Number of Rows	1
PCB Mount Orientation	Right Angle

### Body Features

Connector Profile	Standard
Primary Product Color	Black

### Contact Features

Mating Pin Diameter	.63 mm[.024 in]
PCB Contact Termination Area Plating Material Finish	Matte
Mating Square Post Dimension	.63 mm[.024 in]
PCB Contact Termination Area Plating Material Thickness	2.5 µm



Contact Shape & Form	Square
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 (Au)
Contact Type	Socket
Contact Current Rating (Max)	3 A

### Termination Features

Rectangular Termination Post & Tail Width	.69 mm[.027 in]
Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Termination Post & Tail Length	3.2 mm[.126 in]
Termination Method to PCB	Through Hole - Solder

### Mechanical Attachment

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

### Housing Features

Mating Entry Location	Side
Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Polyester GF

### Dimensions

Connector Height	3.2 mm[.126 in]
Row-to-Row Spacing	7.62 mm[.3 in]
PCB Thickness (Recommended)	1.6 mm[.062 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	210
Packaging Method	Box

**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	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 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 # 826631-4  
4P AMPMODU II PIN HEADER



TE Part # 826646-4  
4P AMPMODU II STIFT LEI



TE Part # 826647-4  
4P AMPMODU II STIFT LEI



TE Part # 966710-4  
MODU II PIN HEADER, SGL ROW,  
SMD- 4 POS

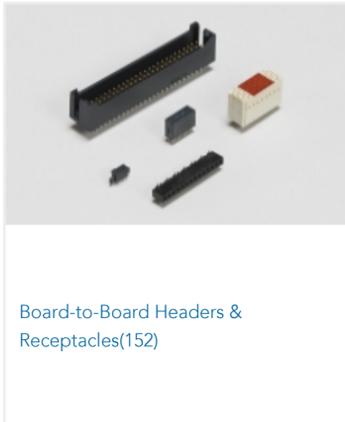


TE Part # 826648-4  
4P AMPMODU II STIFT LEI



TE Part # 826629-4  
4P AMPMODU II PIN HSG

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



Board-to-Board Headers &  
Receptacles(152)



PCB Headers & Receptacles(152)

Customers Also Bought



TE Part #CONSMA002-SMD-G-T  
SMA Jack 50 Ohm PCB Surface Mount



TE Part #816500-SF  
RN114-1.2-02-10M



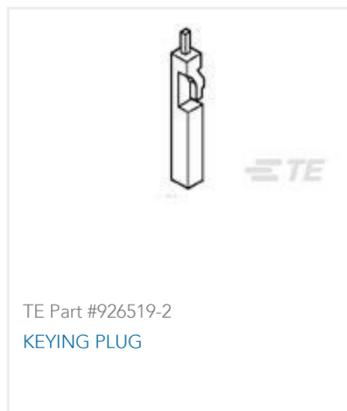
TE Part #7-215079-6  
MICRO-MATCH FOB.06P



TE Part #216602-8  
8P HV190 FEDERLEIS



TE Part #1-216602-0  
10P HV190 FEDERLEIS



TE Part #926519-2  
KEYING PLUG



TE Part #CAT-C339-SM1  
SMD Power Resistor: 7 Watt, 200-2M  
Ohm



TE Part #1-2176236-6  
CPF A 0402 2K49 0.1% 25PPM 5K RL



## Documents

### Product Drawings

[4P HV190 FEDERLEIS](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_216602-4\\_B.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_216602-4\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_216602-4\\_B.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[1773393\\_ AMPMODU\\_EUROPEAN\\_STANDARD\\_PRODUCTS](#)

English