

1241150-4  ACTIVE

## AMPMODU | AMPMODU Headers

TE Internal #: 1241150-4

PCB Mount Header, Vertical, Board-to-Board, 4 Position, 2.54 mm [.

1 in] Centerline, Breakaway, Gold (Au), Surface Mount, Signal,

AMPMODU Headers

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

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 Header
Connector System	Board-to-Board
Header Type	Breakaway
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

### Configuration Features

Connector Contact Load Condition	Fully Loaded
Number of Positions	4
Number of Rows	1
PCB Mount Orientation	Vertical
Board-to-Board Configuration	Parallel

### Body Features

Primary Product Color	Black
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### Contact Features

Contact Underplating Material	Nickel
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	3 – 5 $\mu\text{m}$

Contact Shape & Form	Square
Contact Base Material	Copper Zinc, Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.8 µm[31.5 µin]
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	5 A
<b>Termination Features</b>	
Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to PCB	Surface Mount
<b>Mechanical Attachment</b>	
Connector Mounting Type	Board Mount
Mating Alignment	Without
PCB Mount Alignment	Without
PCB Mount Retention	Without
<b>Housing Features</b>	
Centerline (Pitch)	2.54 mm [.1 in]
Housing Material	PCT GF
<b>Dimensions</b>	
PCB Thickness (Recommended)	1.6 mm [.063 in]
<b>Usage Conditions</b>	
Housing Temperature Rating	Standard
Operating Temperature Range	-65 – 105 °C [-85 – 221 °F]
<b>Operation/Application</b>	
Circuit Application	Signal
<b>Industry Standards</b>	
UL Flammability Rating	UL 94V-0
<b>Packaging Features</b>	
Packaging Quantity	500
Packaging Method	Reel
<b>Product Compliance</b>	

For compliance documentation, visit the product page on [TE.com](http://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 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 1241152-4  
4P HV100 REC. CON, SMD, GOLD,  
BLISTER



TE Part # 215297-4  
4P HV100 REC CON. TE, 7.0MM



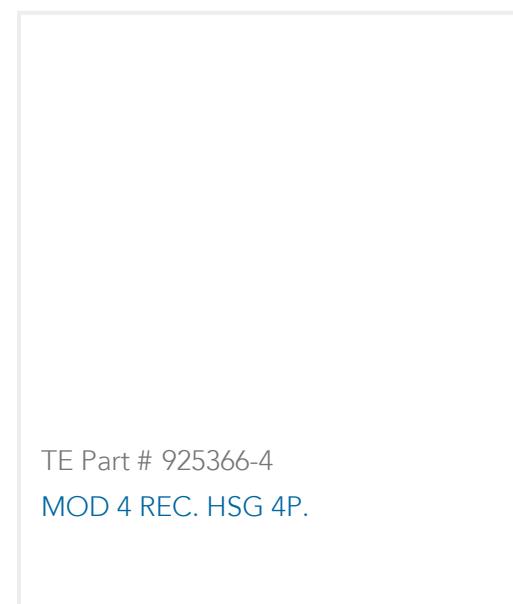
TE Part # 216602-4  
4P HV190 FEDERLEIS



TE Part # 966657-4  
4P HV100 REC. CON, SMD, GOLD,  
TUBE PACK



TE Part # 215299-4  
4P HV100 REC CON. TE, 8.5MM

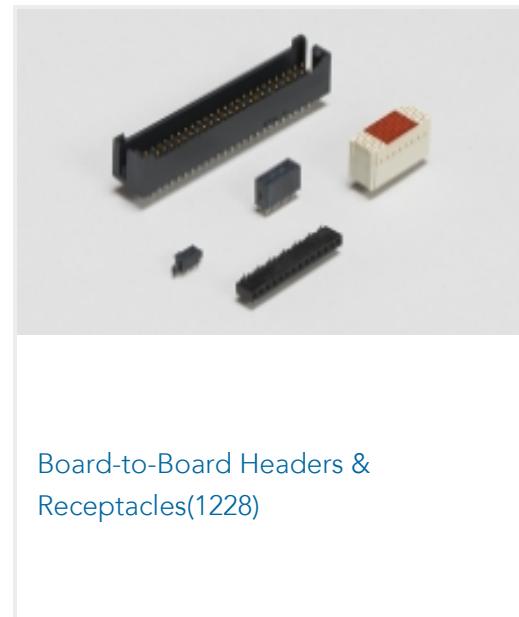


TE Part # 925366-4  
MOD 4 REC. HSG 4P.

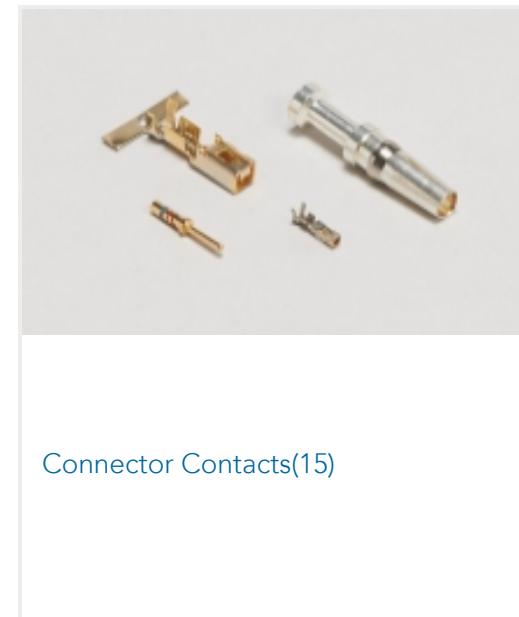
## Also in the Series | AMPMODU Headers



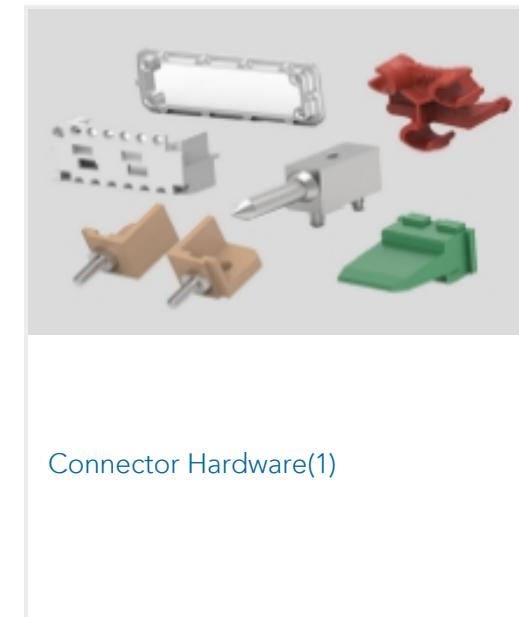
Automotive Signal &amp; Power Headers(3)



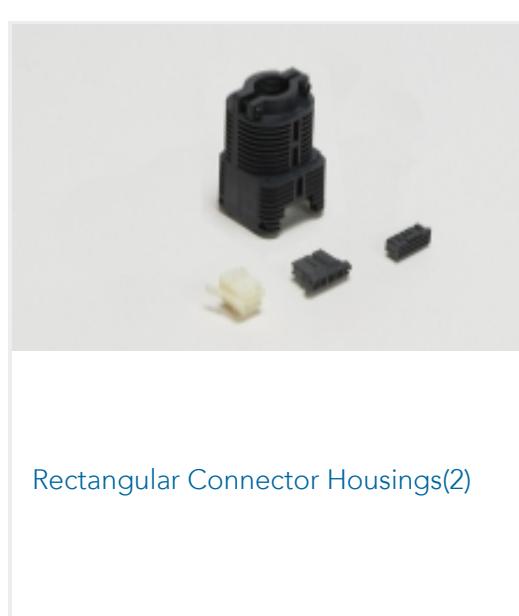
Board-to-Board Headers &amp; Receptacles(1228)



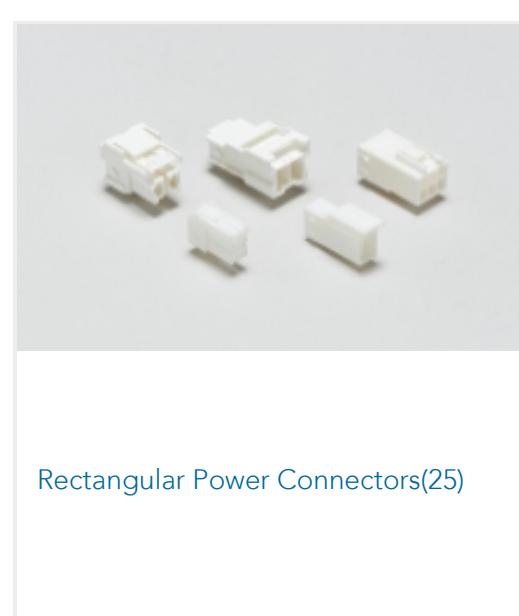
Connector Contacts(15)



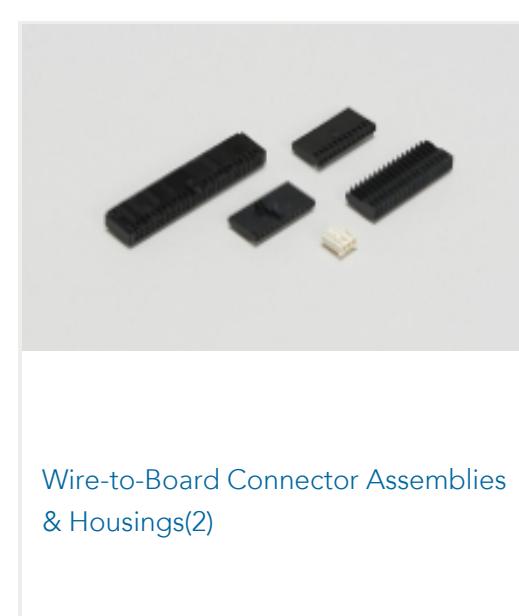
Connector Hardware(1)



Rectangular Connector Housings(2)

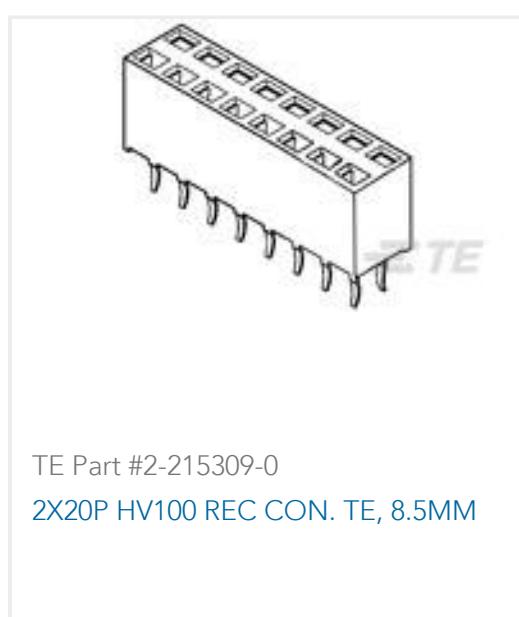


Rectangular Power Connectors(25)



Wire-to-Board Connector Assemblies &amp; Housings(2)

## Customers Also Bought

TE Part #2-215309-0  
2X20P HV100 REC CON. TE, 8.5MMTE Part #8-215570-0  
MICRO-MATCH PBC.10PTE Part #963357-1  
2X11P MESSERLEISTETE Part #1241150-6  
6P MOD II BREAK AWAY HDR , SMD, BLISTERTE Part #1241150-8  
8P MOD II BREAK AWAY HDR , SMD, BLISTERTE Part #1622876-1  
CRG0603 1% 1K8TE Part #6-1879223-4  
CPF 0603 1K15 0.1% 25PPM 1K RLTE Part #7-2176230-5  
3522 1M2 5% 3WTE Part #5-2176389-7  
RQ 1206 412R 0.1% 10PPM 5K RLTE Part #2337237-1  
TACT MINI GW 5.2X5.2X1.5 70GF

## Documents

### Product Drawings

[4P MOD II BREAK AWAY HDR , SMD, BLISTER](#)

English

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### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1241150-4\\_C.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1241150-4\\_C.3d\\_igs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1241150-4\\_C.3d\\_stp.zip](#)

English

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