# 215297-3 ✔ ACTIVE

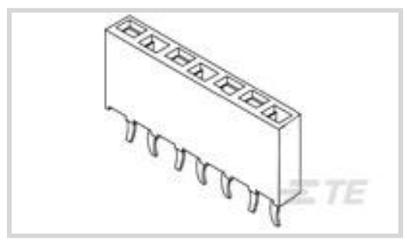
AMPMODU | AMPMODU HV-100/HV-190

TE Internal #: 215297-3

PCB Mount Receptacle, Vertical, Board-to-Board, 3 Position, 2.54 mm [.1 in] Centerline, Gold, Through Hole - Solder, Black, AMPMODU HV-100/HV-190

View on TE.com >

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: **3**

Number of Rows: **1**

## 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 | 3 |
| Number of Rows | 1 |

### Body Features

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

### Contact Features

| | |
|---|---|
| Contact Protection Type | Closed Entry Housing |
| Mating Square Post Dimension | .63 mm[.024 in] |
| PCB Contact Termination Area Plating Material Thickness | 3 - 5 µm[118.11 - 196.85 µin] |
| Contact Layout | Inline |
| Mating Pin Diameter | .63 mm[.024 in] |

| | |
|---|---|
| Contact Shape & Form | Square |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Base Material | Phosphor Bronze |
| Contact Mating Area Plating Material | Gold |
| | 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 | .69 mm[.027 in] |
| Termination Post & Tail Length | 3.1 mm[.122 in] |
| Termination Method to Printed Circuit Board | Through Hole - Solder |

## Mechanical Attachment

| | |
|---|---|
| PCB Mount Retention Type | Retention Solder Tails |
| PCB Mount Retention | With |

## Housing Features

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

## Dimensions

| | |
|---|---|
| Connector Height | 7 mm[.276 in] |
| PCB Thickness (Recommended) | 1.6 mm |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -65 - 125 °C, -55 - 105 °C |

## Operation/Application

| | |
|---|---|
| Solder Process Feature | Board Standoff |

## Industry Standards

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

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 240 |
| Packaging Method | Tray |

## 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: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>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 |

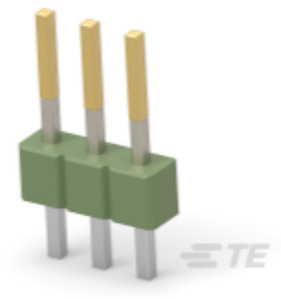
Product Compliance Disclaimer

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



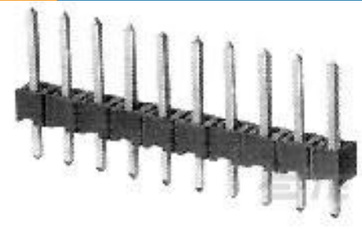
TE Part # 1241150-3
3P MOD II BREAK AWAY HDR,SMD, BLISTER



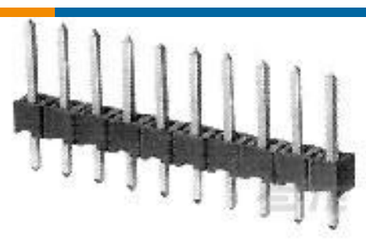
TE Part # 826629-3
3P AMPMODU II



TE Part # 826647-3
3P AMPMODU II STIFT LEI



TE Part # 826646-3
3P AMPMODU II STIFT LEI



TE Part # 826648-3
3P AMPMODU II STIFT LEI



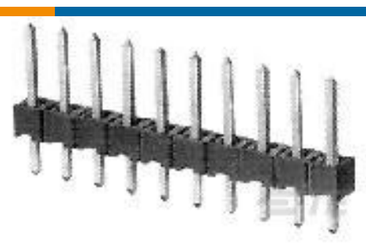
TE Part # 826652-3
3P AMPMODU II STIFT LEI



TE Part # 826631-3
3P AMPMODU II STIFT LEI



TE Part # 215267-3
AMPMODU,BREAK-AWAY



TE Part # 826630-3
3P AMPMODU II STIFT LEI



TE Part # 826654-3
3P AMPMODU II STIFT LEI



TE Part # 966306-3
MOD2 ST-LEI SMD 3P

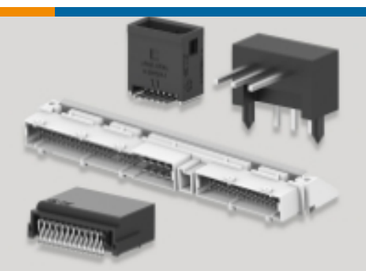


TE Part # 826655-3
3P MOD2 STIFT LEI



TE Part # 966710-3
MODU II PIN HEADER, SGL ROW, SMD- 3 POS

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



PCB Headers & Receptacles(333)

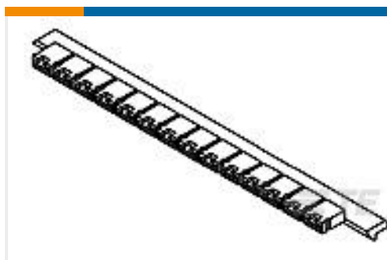
## Customers Also Bought



TE Part # 5177984-3
0.8FH,P05H.5,080,08/Sn,TU



TE Part # 926647-3
UNIV.M-N-L.CAP HSG



TE Part # 142270-1
CONNECTOR SHUNT 2 P



TE Part # 2834171-3
ULTRAMINIATURE SLIM CONTACT



TE Part # T4111001081-000
M12,MALE,STRAIGHT,A CODE,8P, PG7,GOLD



TE Part # 225243-E
M12 MALE, A CODE, RA, 4P THR FRONT MOUNT



TE Part # 2305987-1
2-PORT MATENET HDR ASSY 90DEG, COD A



TE Part # 374725-E
MSPEED 50 F SMD F4 BE AB VV 137 094 * *

## Documents

### Product Drawings

3P HV100 REC CON. TE, 7.0MM

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_215297-3_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_215297-3_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_215297-3_E.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

### Datasheets & Catalog Pages

1773393_ AMPMODU_EUROPEAN_STANDARD_PRODUCTS

English