



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **8**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

|                       |          |
|-----------------------|----------|
| Stackable             | Yes      |
| PCB Mount Orientation | Vertical |
| Number of Positions   | 8        |
| Number of Rows        | 1        |

Body Features

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



Contact Features

|                                                         |                                 |
|---------------------------------------------------------|---------------------------------|
| Mating Pin Diameter                                     | .63 mm[.024 in]                 |
| Mating Square Post Dimension                            | .63 mm[.024 in]                 |
| PCB Contact Termination Area Plating Material Thickness | 2.4 – 4 µm[94.488 – 157.48 µin] |
| Contact Shape & Form                                    | Square                          |
| 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                    | 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                | 3.1 mm[.122 in]       |
| Termination Method to PCB                     | Through Hole - Solder |

Mechanical Attachment

|                          |                        |
|--------------------------|------------------------|
| PCB Mount Retention Type | Retention Solder Tails |
| PCB Mount Retention      | With                   |
| Connector Mounting Type  | Board Mount            |

Housing Features

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

Dimensions

|                             |                 |
|-----------------------------|-----------------|
| PCB Thickness (Recommended) | 1.6 mm[.063 in] |
| Connector Height            | 8.5 mm[.335 in] |

Usage Conditions

|                             |                                          |
|-----------------------------|------------------------------------------|
| Operating Temperature Range | -65 – 125 °C[-67 – 221 °F][-85 – 257 °F] |
|-----------------------------|------------------------------------------|

Operation/Application

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



Industry Standards

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

Packaging Features

|                    |        |
|--------------------|--------|
| Packaging Quantity | 88     |
| Packaging Method   | Carton |

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 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<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 # 966710-8  
MODU II PIN HEADER, SGL ROW,  
SMD- 8 POS



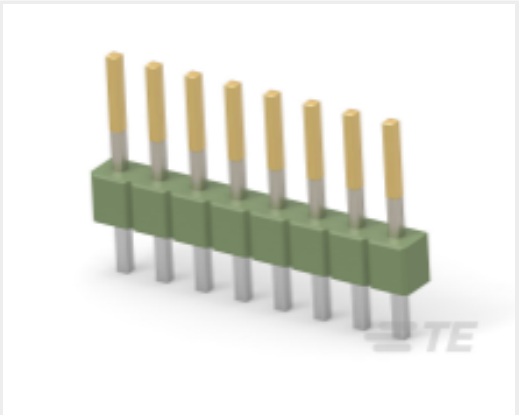
TE Part # 966306-8  
MOD2 ST-LEI SMD 8P



TE Part # 826646-8  
8P AMPMODU II STIFT LEI



TE Part # 826630-8  
8P AMPMODU II STIFT LEI



TE Part # 826629-8  
AMPMODU II HEADER



TE Part # 826631-8  
AMPMODU II PIN HEADER



TE Part # 1241150-8  
8P MOD II BREAK AWAY HDR , SMD,  
BLISTER

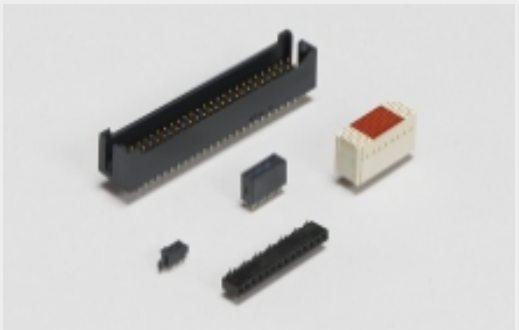


TE Part # 826648-8  
08P AMPMODU II PIN HDR.

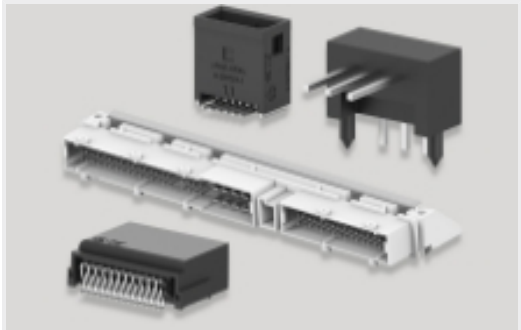


TE Part # 826647-8  
8P AMPMODU II STIFT LEI

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



Board-to-Board Headers &  
Receptacles(321)



PCB Headers & Receptacles(321)

Customers Also Bought



TE Part #5-103168-8  
20 MODII HDR DRST SHRD .100CL



TE Part #5745781-6  
09 MSFL RCPT RA 318 (SL,FM)



TE Part #1-2834237-2  
2P REC, IP67 VERTICAL T/H CONN,  
NATURE



TE Part #2-382811-0  
ECONOMY SHUNT, 30 AU BLACK



Documents

Product Drawings

8P HV100 REC CON. TE, 8.5MM

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_215299-8\_F.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_215299-8\_F.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_215299-8\_F.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

Product Specifications

Product Specification

English