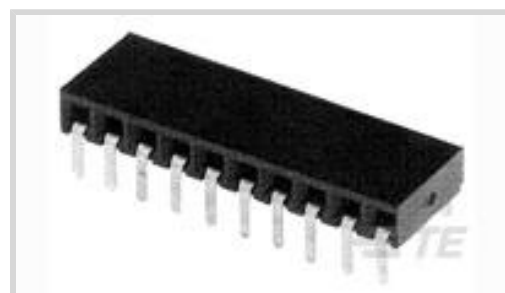




Connectors &gt; PCB Connectors &gt; PCB Headers &amp; Receptacles

PCB Connector Assembly Type: **PCB Mount Receptacle**PCB Mount Orientation: **Right Angle**Connector System: **Board-to-Board**Number of Positions: **8**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 | Right Angle |
| Number of Positions   | 8           |
| 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 | 2.5 $\mu$ m          |
| Mating Pin Diameter                                     | .63 mm[.024 in]      |
| PCB Contact Termination Area Plating Material Finish    | Matte                |



|  |                 |
|--|-----------------|
| Contact Shape & Form                           | Square          |
| PCB Contact Termination Area Plating Material  | Tin             |
| Contact Base Material                          | Phosphor Bronze |
| Contact Mating Area Plating Material           | Gold            |
| Contact Mating Area Plating Material Thickness | .762 μm[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                | 3.2 mm[.126 in]       |
| Termination Method to Printed Circuit Board   | Through Hole - Solder |

### Mechanical Attachment

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

### 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] |
|-----------------------------|----------------------------|

### Operation/Application

|                        |                |
|------------------------|----------------|
| Solder Process Feature | Board Standoff |
| Circuit Application    | Signal         |

### Industry Standards

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



### Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 105 |
| Packaging Type     | 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 | No Restricted Materials Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<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

|   |  |   |   |
|---|--|---|---|
|  <p>TE Part # 826629-8<br/>AMPMODU II HEADER</p> |  <p>TE Part # 1241150-8<br/>8P MOD II BREAK AWAY HDR, SMD, BLISTER</p> |  <p>TE Part # 826631-8<br/>AMPMODU II PIN HEADER</p> |  <p>TE Part # 826646-8<br/>8P AMPMODU II STIFT LEI</p> |
|---|--|---|---|



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



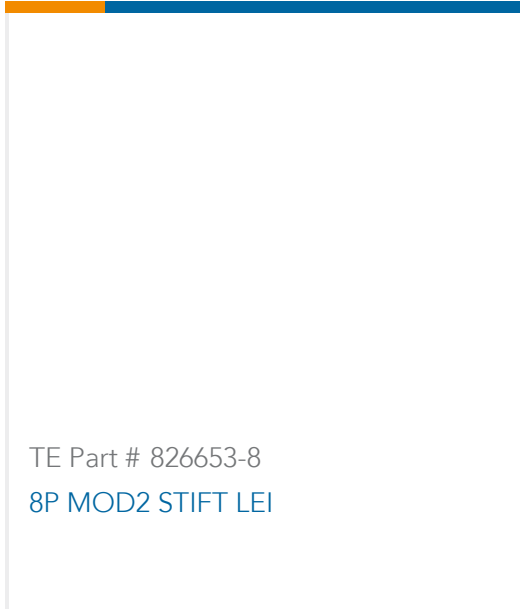
TE Part # 215267-8  
AMPMODU, BREAK-AWAY



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



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



TE Part # 826653-8  
8P MOD2 STIFT LEI



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



TE Part # 966710-8  
MODU II PIN HEADER, SGL ROW,  
SMD- 8 POS

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



PCB Headers & Receptacles(345)

Customers Also Bought



TE Part #281739-5  
HEADER HE14 STRAIGHT 2X5 P



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



TE Part #5207719-3  
KIT SCREWLOCK FEMALE CLEAR ZIN



TE Part #1614884-9  
CPF 0805 4R7 0.1% 25PPM 1K RL



TE Part #102398-7  
18 AMPMODU MT ASSY DR .100CL



TE Part #5535676-7  
08 MODII HORZ SR CE 100CL



TE Part #3-825433-6  
MOD 2 PINHDR 1X36P.



TE Part #9-1393239-5  
RT314012



## Documents

### Product Drawings

[8P HV190 FEDERLEIS](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_216602-8\\_B.2d\\_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_216602-8\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_216602-8\\_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