



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: **7**

Number of Rows: **1**

Features

Operation/Application

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

Dimensions

|                             |                 |
|-----------------------------|-----------------|
| PCB Thickness (Recommended) | 1.6 mm[.063 in] |
| Connector Height            | 7 mm[.276 in]   |

Packaging Features

|                    |        |
|--------------------|--------|
| Packaging Quantity | 104    |
| Packaging Method   | Carton |

Body Features

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

Mechanical Attachment

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



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 |

Contact Features

|                                                         |                               |
|---------------------------------------------------------|-------------------------------|
| Mating Pin Diameter                                     | .63 mm[.024 in]               |
|                                                         | 30 μin                        |
| Mating Square Post Dimension                            | .63 mm[.024 in]               |
| PCB Contact Termination Area Plating Material Thickness | 3 – 5 μm[118.11 – 196.85 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                          |
| Contact Type                                            | Socket                        |
| Contact Current Rating (Max)                            | 3 A                           |

Housing Features

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

Configuration Features

|                       |          |
|-----------------------|----------|
| Stackable             | Yes      |
| PCB Mount Orientation | Vertical |
| Number of Positions   | 7        |
| Number of Rows        | 1        |

Product Type Features

|                             |                      |
|-----------------------------|----------------------|
| PCB Connector Assembly Type | PCB Mount Receptacle |
| Connector System            | Board-to-Board       |
| Header Type                 | Fully Shrouded       |
| Sealable                    | No                   |
|                             |                      |



|                                   |                       |
|-----------------------------------|-----------------------|
| Connector & Contact Terminates To | Printed Circuit Board |
|-----------------------------------|-----------------------|

Usage Conditions

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

Industry Standards

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

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<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 # 826652-7  
7P AMPMODU II STIFT LEI



TE Part # 826654-7  
7P AMPMODU II STIFT LEI



TE Part # 966710-7  
MODU II PIN HEADER, SGL ROW,  
SMD- 7 POS



TE Part # 826646-7  
7P AMPMODU II STIFT LEI



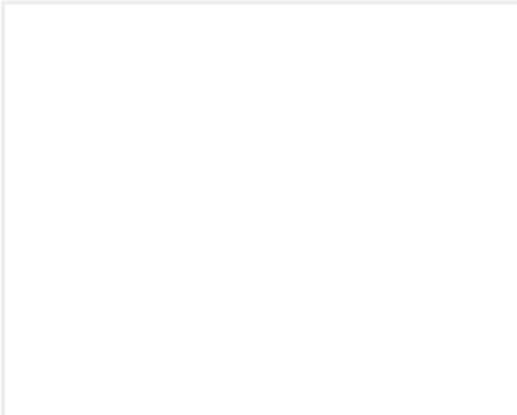
TE Part # 1241150-7  
7P MOD II BREAK AWAY HDR , SMD,  
BLISTER



TE Part # 826651-7  
7P AMPMODU II STIFT LEI



TE Part # 826648-7  
7P MOD2 STIFT LEI

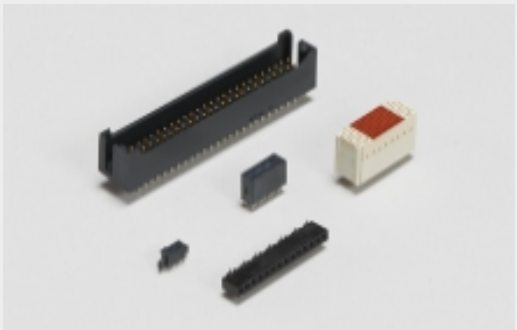


TE Part # 826653-7  
7P AMPMODU II STIFT LEI

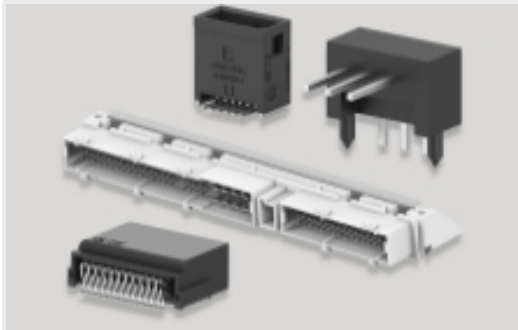


TE Part # 826629-7  
7P AMPMODU II HEADER

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

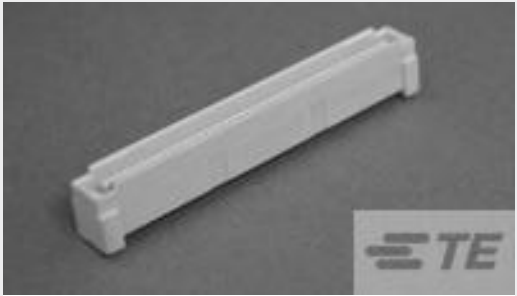


Board-to-Board Headers &  
Receptacles(321)



PCB Headers & Receptacles(321)

Customers Also Bought



TE Part #5179031-3  
0.8FH,P08H.5,080,08/Sn,TU



TE Part #1-6609031-7  
20ER1=F7193 S0



TE Part #86479-3  
10 MODII HDR DRRA UNSHRD .100

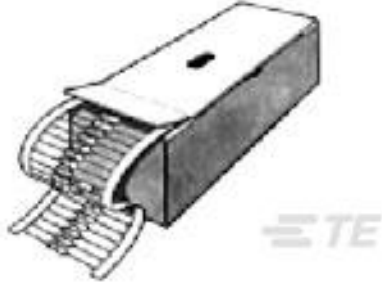


TE Part #2029104-2  
2P MICRO MNL HDR ASY SR SIDE N





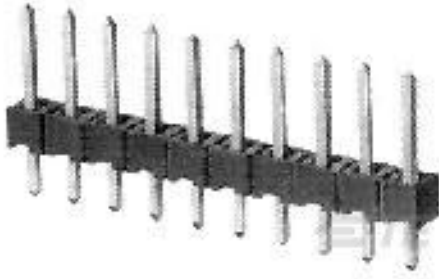
TE Part #4-1879336-1  
CPF 0603 604R 1% 50PPM 1K RL



TE Part #2176079-4  
EP 3W 33R 5%



TE Part #6-2176414-4  
7W STD M/OX 5% 8K2



TE Part #826648-5  
5P AMPMODU II STIFT LEI

TE Part #2-1393560-1  
V42254A 132V 1=SUB D BOLZENZA

TE Part #5-1768034-7  
LEB-A4PM-X

Documents

Product Drawings

7P HV100 REC CON. TE, 7.0MM

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_215297-7\_E.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_215297-7\_E.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_215297-7\_E.3d\_stp.zip

English

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

Product Specifications

Product Specification

English