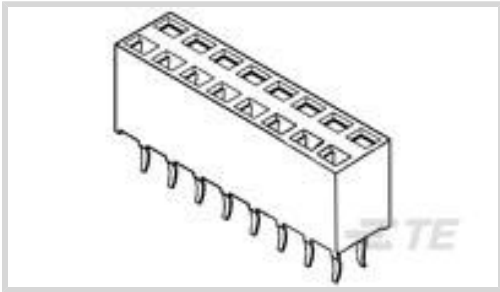




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **16**

Number of Rows: **2**

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   | 16       |
| Number of Rows        | 2        |

Body Features

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

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 µm[98.425 µin]   |
| 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            | 8.5 mm[.335 in] |
| Row-to-Row Spacing          | 2.54 mm[.1 in]  |
| PCB Thickness (Recommended) | 1.6 mm          |

Usage Conditions

|                             |              |
|-----------------------------|--------------|
| Operating Temperature Range | -65 – 125 °C |
|-----------------------------|--------------|

Operation/Application

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

Industry Standards

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

Packaging Features

|                    |    |
|--------------------|----|
| Packaging Quantity | 48 |
|--------------------|----|

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 2022 (223)<br>Candidate List Declared Against: JAN 2022 (223)<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

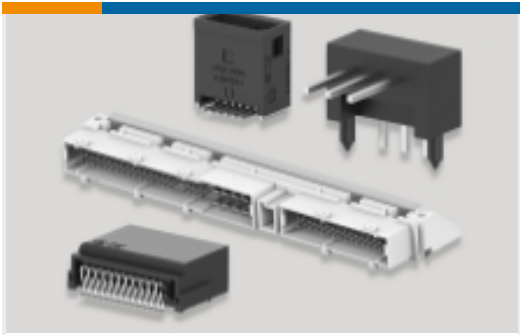
TE Part # 1-826634-6  
16P MODU 2 PIN HDR

TE Part # 1-826656-6  
16P AMPMODU II STIFT LEI

TE Part # 1-826632-6  
16P AMPMODU II STIFT LEI

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





PCB Headers & Receptacles(349)

Customers Also Bought



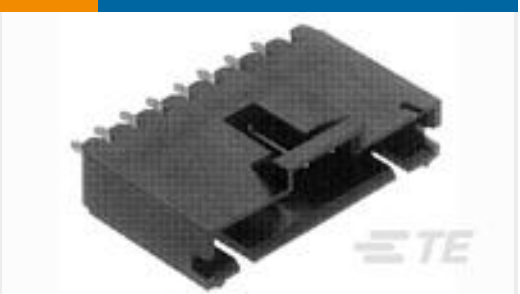
TE Part #7-215464-8  
08P.MICRO-MATCH MOB



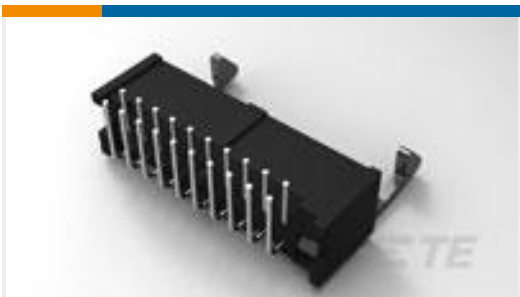
TE Part #7-188275-6  
MICRO-MATCH SMD FTE



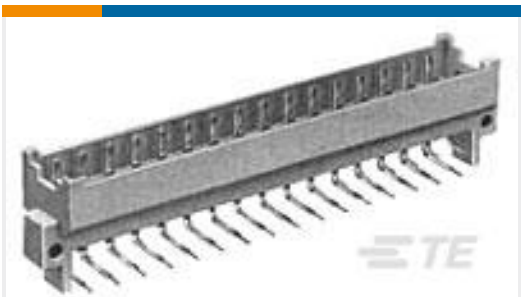
TE Part #5050864-1  
SOCKET,MIN-SPR SN-AU SER-3



TE Part #5-103908-3  
04 MTE HDR SRST LATCH W/HLDWN



TE Part #2-1761607-3  
IDC LOW PRO HDR 10P RA LG LAT



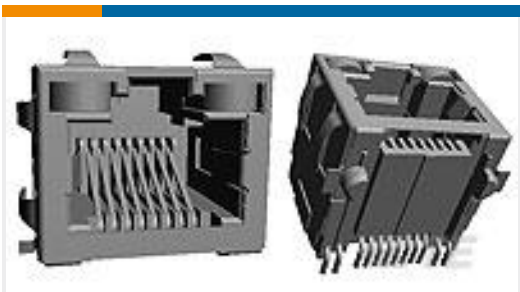
TE Part #2-164045-4  
48P.IEC-F.MALE CONN



TE Part #5-103735-1  
02 MTE HDR SRST LATCH .100CL



TE Part #5-103908-2  
03 MTE HDR SRST LATCH W/HLDWN



TE Part #6339191-4  
MJ,RJ45,SMT,SHLD,LED (G/Y)



TE Part #DT15-08PA-G003  
HDR, 8P, GRY, ST, AU/NI/CU, A

Documents

Product Drawings

2X16P HV100 REC CON. TE, 8.5MM

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-215309-6\_F.2d\_dxf.zip

1-215309-6

AMPMODU HV-100/HV-190, PCB Mount Receptacle, Vertical, Board-to-Board, 16  
Position, .1 in [2.54 mm] Centerline, Gold, Through Hole - Solder, Green



English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-215309-6\\_F.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-215309-6\\_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