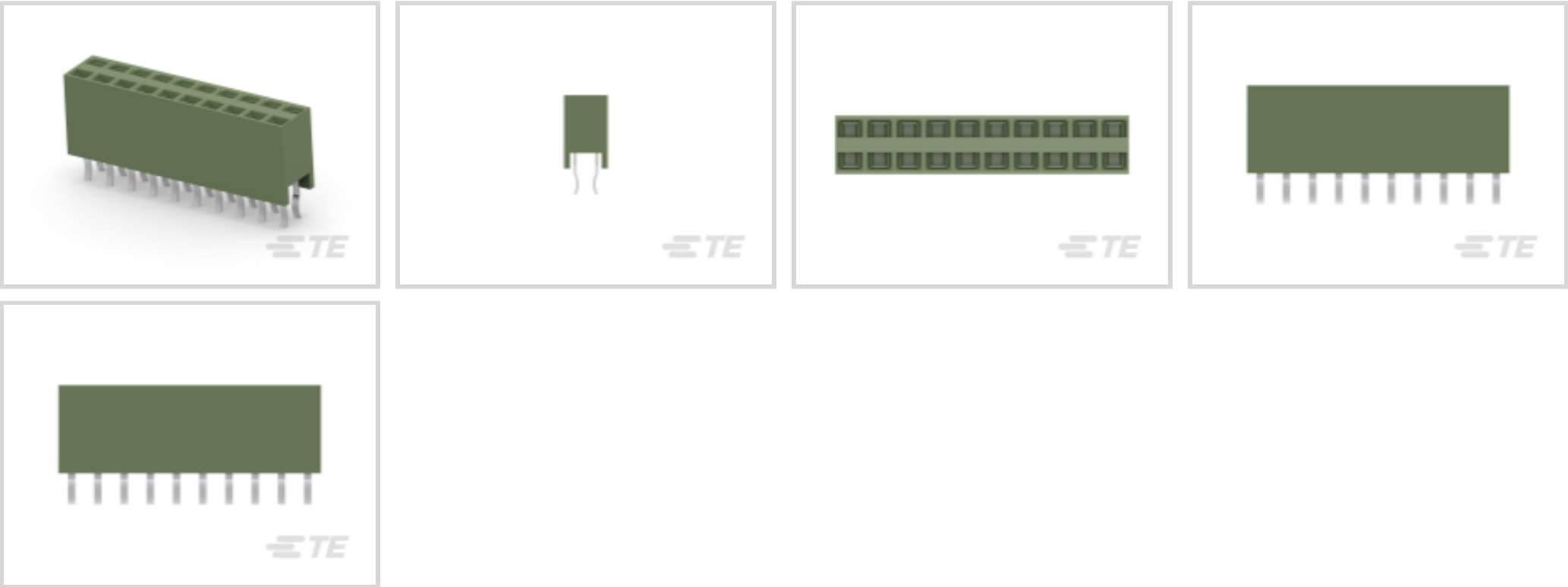




Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **10**

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   | 10       |
| 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 | 72 |
|--------------------|----|

Product Compliance

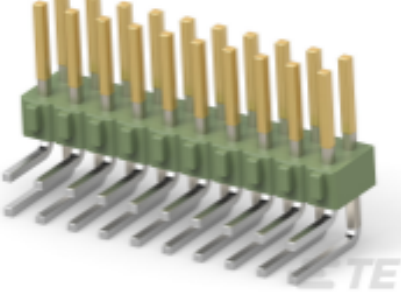
For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                                |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 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: 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

|                                                                                                                                                                    |                                                                                                                                         |                                                                                                                                               |                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 1-1241050-0<br/>2x10P MOD II BREAK AWAY HDR,<br/>SMD, BLISTER</p> |  <p>TE Part # 1-826634-0<br/>MOD2 PIN HEADER 10P</p> |  <p>TE Part # 1-826632-0<br/>10P AMPMODU II PIN HDR.</p> |  <p>TE Part # 1-826658-0<br/>2X10 POS AMPMODU II PIN HEADER</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|



TE Part # 1-826656-0  
10P AMPMODU II STIFT LEI



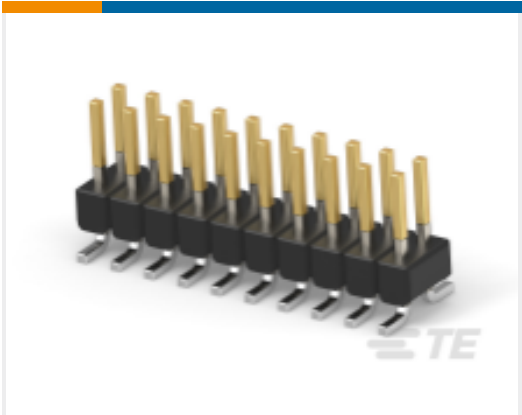
TE Part # 1-826662-0  
10P AMPMODU II STIFTLEI



TE Part # 1-826664-0  
10P MOD2 STIFT LEI



TE Part # 1-966269-0  
2x10P MODII BREAK AWAY HDR,  
SMD, TUBE PKG

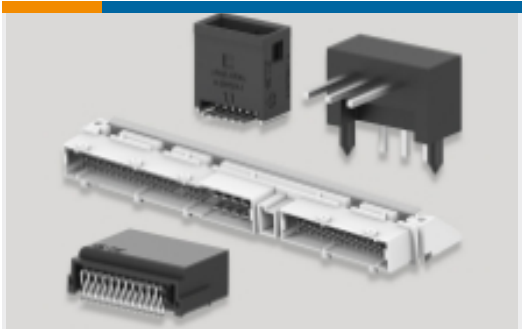


TE Part # 1-966709-0  
2X10P MODUII BREAK AWAY  
HEADER, SMD



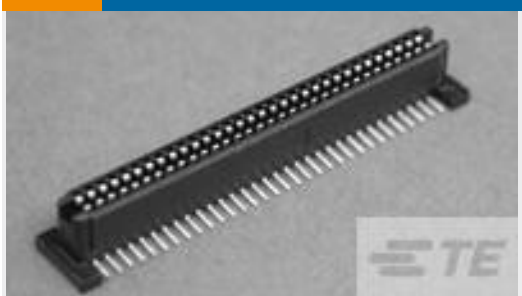
TE Part # 1-215447-0  
2X10P MOD2 STIFTLEI

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



PCB Headers & Receptacles(333)

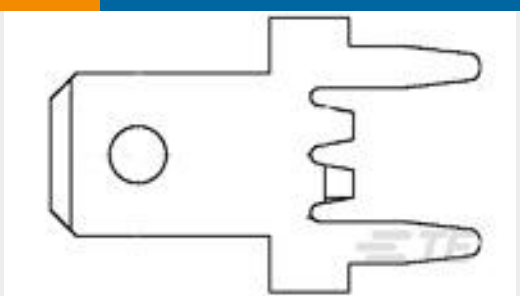
Customers Also Bought



TE Part #5146893-1  
1FHR,64,30A/S,S,C,S08,09,10



TE Part #1676298-2  
RN 0805 301R 0.1% 10PPM 1KRL



TE Part #63860-1  
187 FASTON TAB TPBR



TE Part #84953-8  
1MM FPC HORZ.TOP CONT.ASSY 8P



TE Part #3-1879212-7  
CPF 0402 49K9 0.1% 25PPM 5K RL



TE Part #1879352-5  
RR02 5% R47 AMMO



TE Part #172507-1  
MIC CAP HSG 11P MK II



TE Part #5-1393788-8  
V23079D1005B301



TE Part #1-1393277-9  
[V23076A3022D142](#)

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-215309-0\\_F.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-215309-0\\_F.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-215309-0\\_F.3d\\_stp.zip](#)

English

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