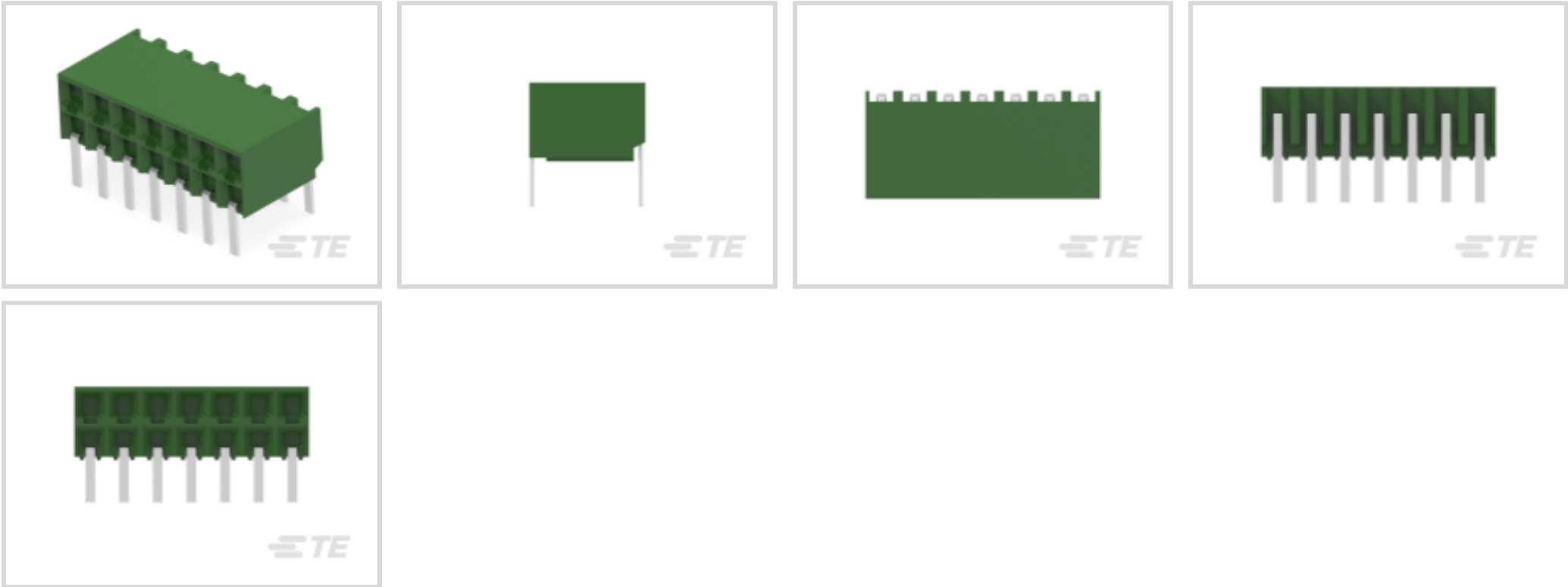




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **7**

Number of Rows: **2**

Features

Product Type Features

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

Configuration Features

|                       |             |
|-----------------------|-------------|
| Stackable             | Yes         |
| PCB Mount Orientation | Right Angle |
| Number of Positions   | 7           |
| Number of Rows        | 2           |

Body Features

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

Contact Features



|                                                         |                      |
|---------------------------------------------------------|----------------------|
| Mating Pin Diameter                                     | .63 mm[.024 in]      |
| PCB Contact Termination Area Plating Material Finish    | Matte                |
| Contact Mating Area Plating Material Thickness          | .762 μm[30 μin]      |
| Mating Square Post Dimension                            | .63 mm[.024 in]      |
| PCB Contact Termination Area Plating Material Thickness | 2.5 μm               |
| Contact Shape & Form                                    | Square               |
| 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                | 3.2 mm[.126 in]       |
| Termination Method to PCB                     | Through Hole - Solder |

Mechanical Attachment

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

Housing Features

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

Dimensions

|                             |                 |
|-----------------------------|-----------------|
| Row-to-Row Spacing          | 7.62 mm[.3 in]  |
| PCB Thickness (Recommended) | 1.6 mm[.062 in] |
| Connector Height            | 5.8 mm[.228 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 Method | 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: 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>

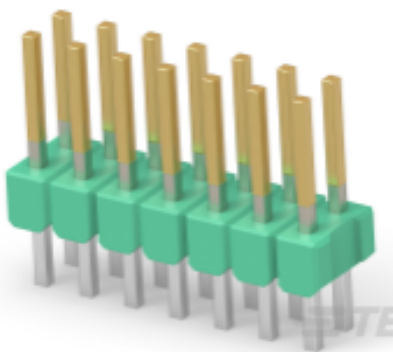
Compatible Parts



TE Part # 1241050-7  
2x7P MOD II BREAK AWAY HDR,SMD, BLISTER



TE Part # 826656-7  
7P AMPMODU II STIFT LEI



TE Part # 826632-7  
7P AMPMODU II PIN HDR.



TE Part # 826658-7  
7P AMPMODU II STIFT LEI

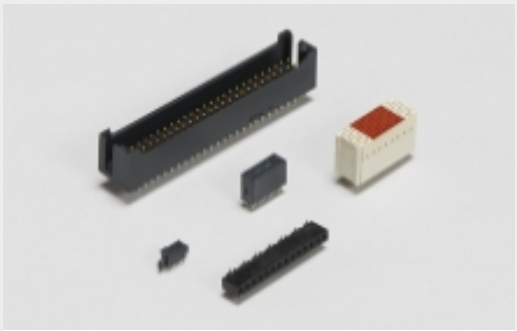


TE Part # 826634-7  
07P MODU 2 PIN HDR.

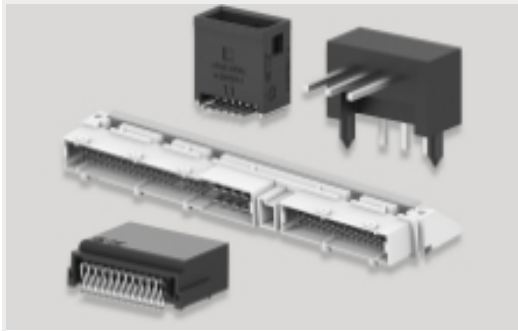


TE Part # 966709-7  
2X7P MODUII BREAK AWAY HEADER, SMD

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



Board-to-Board Headers & Receptacles(321)



PCB Headers & Receptacles(321)

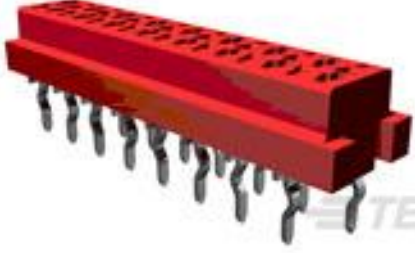
Customers Also Bought



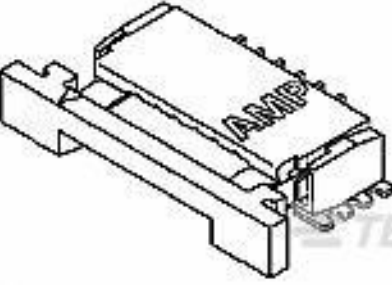
TE Part #2311762-1  
AMPL REC, HD20, 25P, R/A THREADED, .318



TE Part #214012-E  
SRCA 1,27 4 M 1 SMD 137 E1 094 \* GURT \*



TE Part #7-215079-4  
MICRO-MATCH FOB.04P



TE Part #84952-4  
1MM FPC HORZ.BTTM CONT.ASS.4P



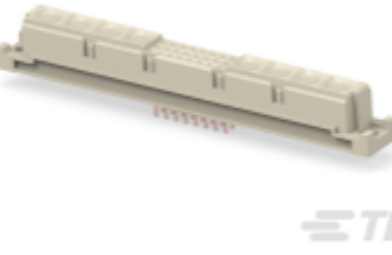
TE Part #9-1879208-2  
CPF 0402 62K 0.1% 25PPM 1K RL



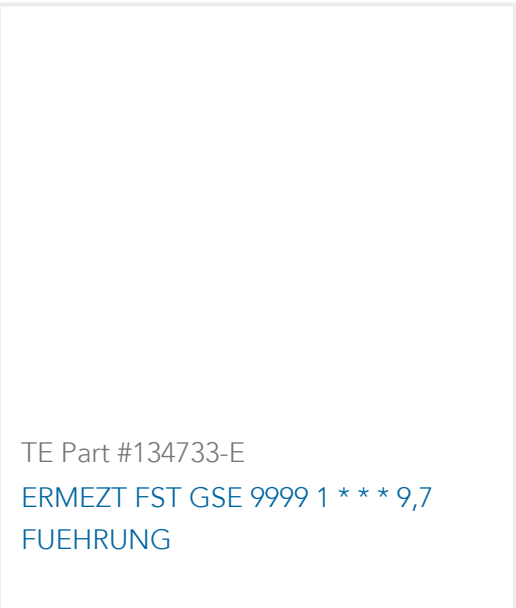
TE Part #826632-8  
8P AMPMODU II PIN HDR.



TE Part #6368459-1  
INV MJ,1X2,PNL GRD,SHLD



TE Part #294711-E  
STVM 24-8 F ABC VVW 7-00 TL 4,0 \* 247 E0



Documents

Product Drawings

2X 7P HV190FEDERLEI

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_216604-7\_C.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_216604-7\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_216604-7\_C.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