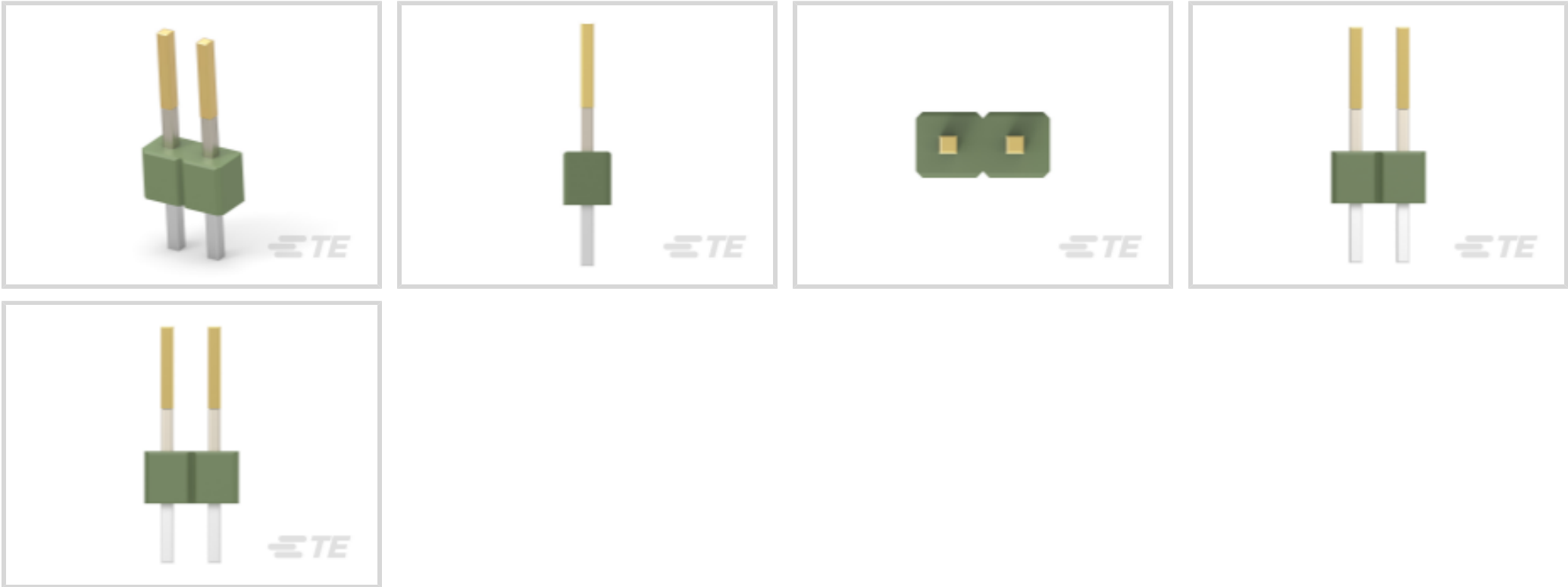


TE Internal #: 826629-2  
PCB Mount Header, Vertical, Board-to-Board, 2 Position, 2.54 mm [.1 in] Centerline, Breakaway, Gold (Au) / Gold Flash, AMPMODU Headers

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**  
PCB Mount Orientation: **Vertical**  
Connector System: **Board-to-Board**  
Number of Positions: **2**  
Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

|                                  |              |
|----------------------------------|--------------|
| Connector Contact Load Condition | Fully Loaded |
| Board-to-Board Configuration     | Parallel     |
| PCB Mount Orientation            | Vertical     |
| Number of Positions              | 2            |
| Number of Rows                   | 1            |

Electrical Characteristics

|                       |         |
|-----------------------|---------|
| Insulation Resistance | 5000 MΩ |
|-----------------------|---------|



|                                       |          |
|---------------------------------------|----------|
| Dielectric Withstanding Voltage (Max) | 750 Vrms |
|---------------------------------------|----------|

Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | Green |
|-----------------------|-------|

Contact Features

|                               |        |
|-------------------------------|--------|
| Contact Underplating Material | Nickel |
|-------------------------------|--------|

|                                                |                 |
|------------------------------------------------|-----------------|
| Contact Mating Area Plating Material Thickness | .8 µm[31.5 µin] |
|------------------------------------------------|-----------------|

|                              |                 |
|------------------------------|-----------------|
| Mating Square Post Dimension | .63 mm[.025 in] |
|------------------------------|-----------------|

|                                                         |      |
|---------------------------------------------------------|------|
| PCB Contact Termination Area Plating Material Thickness | 3 µm |
|---------------------------------------------------------|------|

|                      |        |
|----------------------|--------|
| Contact Shape & Form | Square |
|----------------------|--------|

|                       |                 |
|-----------------------|-----------------|
| Contact Base Material | Phosphor Bronze |
|-----------------------|-----------------|

|                                               |     |
|-----------------------------------------------|-----|
| PCB Contact Termination Area Plating Material | Tin |
|-----------------------------------------------|-----|

|                                      |                       |
|--------------------------------------|-----------------------|
| Contact Mating Area Plating Material | Gold (Au), Gold Flash |
|--------------------------------------|-----------------------|

|              |     |
|--------------|-----|
| Contact Type | Pin |
|--------------|-----|

|                              |     |
|------------------------------|-----|
| Contact Current Rating (Max) | 5 A |
|------------------------------|-----|

Termination Features

|                                |                 |
|--------------------------------|-----------------|
| Termination Post & Tail Length | 3.2 mm[.126 in] |
|--------------------------------|-----------------|

|                                          |                 |
|------------------------------------------|-----------------|
| Square Termination Post & Tail Dimension | .63 mm[.025 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

|                  |     |
|------------------|-----|
| Housing Material | PBT |
|------------------|-----|

|                    |                |
|--------------------|----------------|
| Centerline (Pitch) | 2.54 mm[.1 in] |
|--------------------|----------------|

Dimensions

|                             |                  |
|-----------------------------|------------------|
| PCB Thickness (Recommended) | 1.57 mm[.062 in] |
|-----------------------------|------------------|

Usage Conditions

|                            |          |
|----------------------------|----------|
| Housing Temperature Rating | Standard |
|----------------------------|----------|

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -65 – 105 °C[-85 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application



|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards

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

Packaging Features

|                    |        |
|--------------------|--------|
| Packaging Quantity | 3000   |
| Packaging Method   | Carton |

Product Compliance

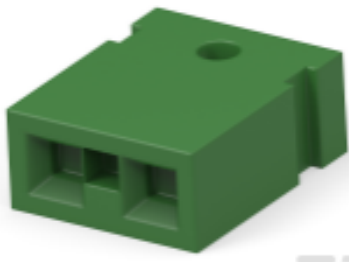
For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 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>

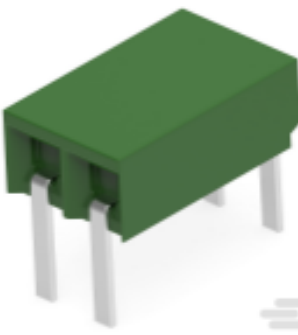
Compatible Parts



TE Part # 142270-1  
CONNECTOR SHUNT 2 P



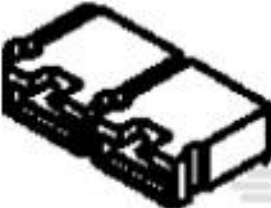
TE Part # 215297-2  
2P HV100 REC CON. TE, 7.0MM



TE Part # 216602-2  
2P HV190 FEDERLEIS



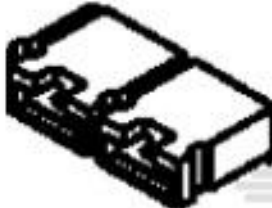
TE Part # 925366-2  
MOD 4 REC.HSG 1X02P



TE Part # 827914-3  
2P SHUNTCONNECTOR ASSY



TE Part # 215299-2  
2P HV100 REC CON. TE, 8.5MM

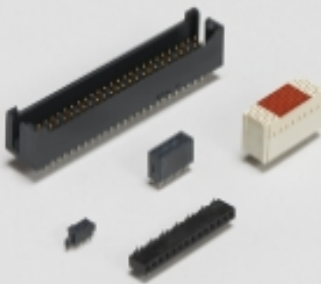


TE Part # 827914-1  
2P SHUNTSTECKER

Also in the Series | AMPMODU Headers



Automotive Headers(1)



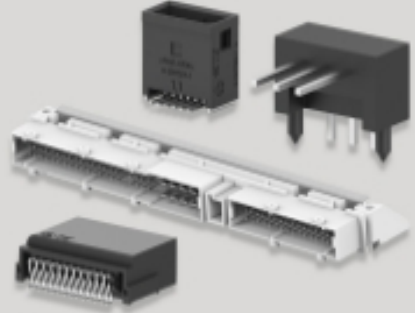
Board-to-Board Headers & Receptacles(1576)



Connector Contacts(47)



Connector Hardware(1)



PCB Headers & Receptacles(1621)



Rectangular Power Connectors(43)

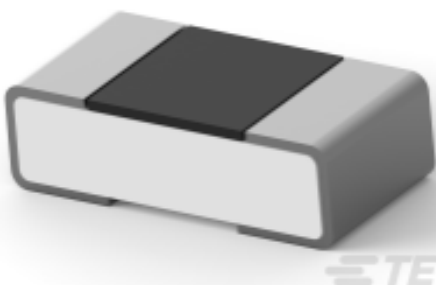


Wire-to-Board Connector Assemblies & Housings(5)

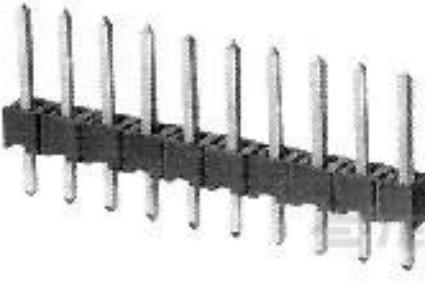


Wire-to-Board Headers & Receptacles (114)

Customers Also Bought



TE Part #2176363-4  
RQ 0402 464R 0.1% 10PPM 5K RL



TE Part #826629-5  
AMPMODU II HEADER



TE Part #2063567-2  
SDE MCP4.8K 1.1-3.0mm2 DIE SET



TE Part #2273007-4  
M8 x 1.0 straight socket Pigtail Shld



TE Part #1676253-1  
RN 0805 21K5 0.1% 10PPM CUT LENGTH

TE Part #1-826925-2  
12P MOD2 STIFT LEI

TE Part #2151088-1  
OCEAN\_2.0\_APPLICATOR-S-039F042F-RSM

TE Part #2063570-2  
SDE F MCON1.2 0.50-0.75mm2 DIE SET

TE Part #2063574-2  
SDE MCON1.2 0.2-.035mm2 DIE SET

TE Part #2119783-2  
RAM TRANSPORTATION COLLAR

Documents

Product Drawings

2P AMPMODU II

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_826629-2\_R.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_826629-2\_R.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_826629-2\_R.3d\_stp.zip

English

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Agency Approvals

UL Report

English