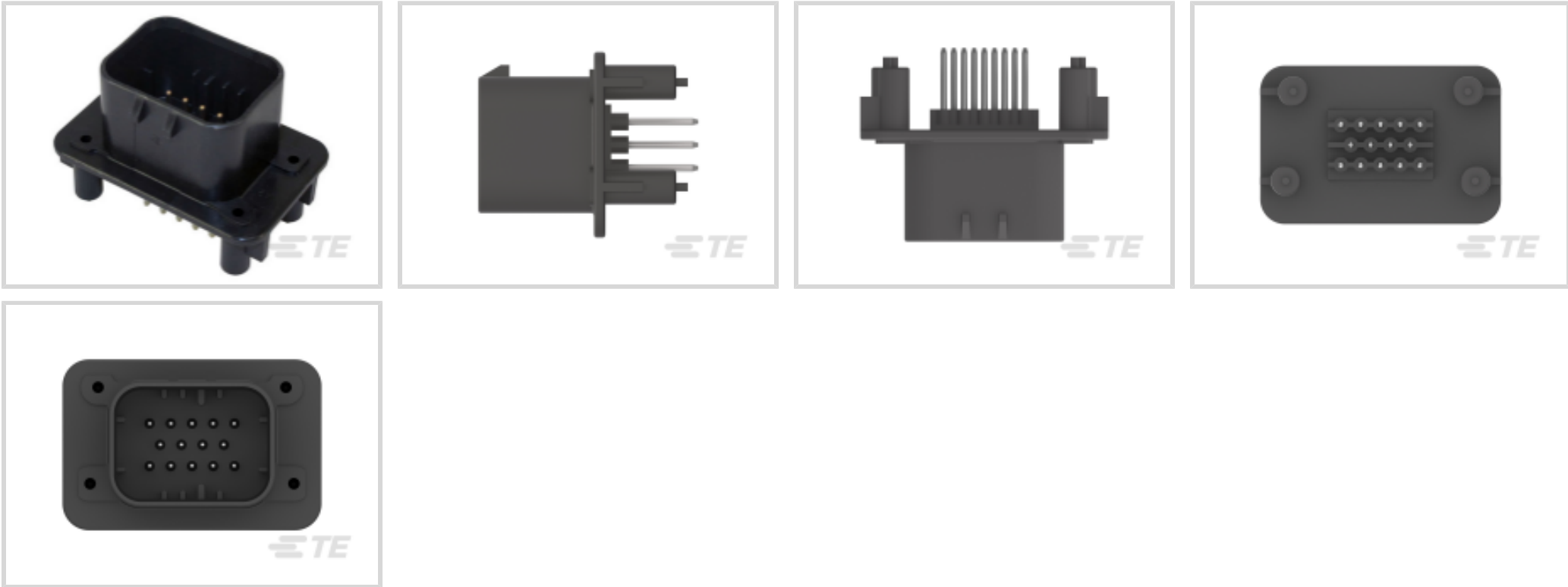




Connectors > PCB Connectors > PCB Headers & Receptacles > AMPSEAL PCB Vertical Headers



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

Number of Positions: **14**

Centerline (Pitch): **4 mm [ .157 in ]**

Sealable: **Yes**

PCB Mount Orientation: **Vertical**

[All AMPSEAL PCB Vertical Headers \(56\)](#)

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| PCB Connector Assembly Type       | PCB Mount Header      |
| Header Type                       | Fully Shrouded        |
| Connector System                  | Wire-to-Board         |
| Sealable                          | Yes                   |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

|                       |          |
|-----------------------|----------|
| Number of Positions   | 14       |
| PCB Mount Orientation | Vertical |
| Number of Rows        | 3        |

Body Features

|                         |       |
|-------------------------|-------|
| Primary Product Color   | Black |
| Connector & Keying Code | 1     |



Contact Features

|                                      |      |
|--------------------------------------|------|
| Contact Type                         | Pin  |
| Contact Mating Area Plating Material | Gold |
| Contact Current Rating (Max)         | 17 A |

Termination Features

|                                             |                       |
|---------------------------------------------|-----------------------|
| Termination Method to Printed Circuit Board | Through Hole - Solder |
|---------------------------------------------|-----------------------|

Mechanical Attachment

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

Housing Features

|                    |               |
|--------------------|---------------|
| Centerline (Pitch) | 4 mm[.157 in] |
|--------------------|---------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 - 125 °C[-40 - 257 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

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

Packaging Features

|                  |      |
|------------------|------|
| Packaging Method | Tray |
|------------------|------|

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 2024 (240)<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

TE Part # CAT-AM78-CH8172  
[AMPSEAL Receptacle Housings](#)

Also in the Series | AMPSEAL

Automotive Connector Locks & Position Assurance(1)

Automotive Housings(31)

Automotive Terminals(8)

Connector Backshells(4)

Connector Seals & Cavity Plugs(2)

Internal I/O Connectors(1)

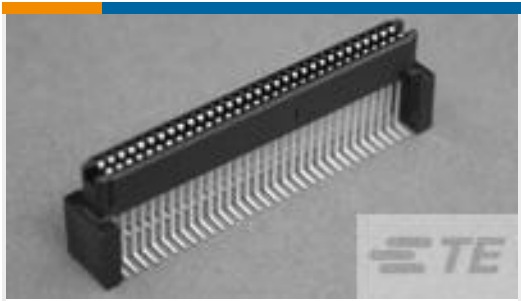
PCB Headers & Receptacles(119)

Customers Also Bought





TE Part # 776200-1  
AMPSEAL PCB Vertical Headers



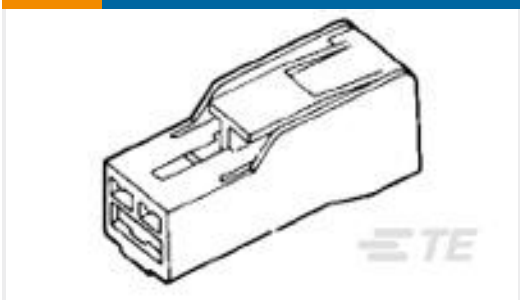
TE Part # 5120524-1  
1FHR,64,30A/S,S,N,S14,15



TE Part # 8-338069-4  
MICRO-MATCH SMD FTE



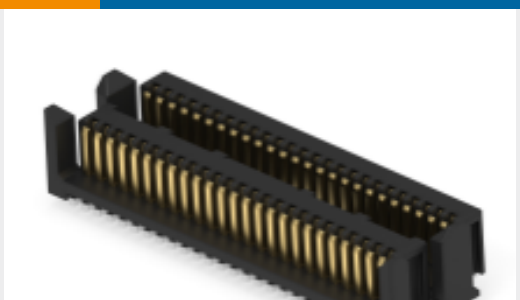
TE Part # 1-1623729-3  
BCHE 17 W 22R 5%



TE Part # 172320-2  
POSITIVE LOCK 250 (6.3 MM)  
HOUSING



TE Part # 6-1879133-0  
RN 0603 3K65 0.1% 10PPM 1K RL



TE Part # 114713-E  
MICROS STV 50 407 188 \* 0007 J 3  
114713

Documents

Product Drawings

14POS,PIN DIA 1.3,HDR ASSY,180DEG,COD 1

English

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_1-776261-1\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_1-776261-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_1-776261-1\_A.3d\_stp.zip

English

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

Datasheets & Catalog Pages

AMPSEAL Connector Catalog

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications



Application Specification

English

Agency Approvals

UL Report

English