



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



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **8**

Number of Rows: **3**

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

Features

Product Type Features

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

Configuration Features

|                       |          |
|-----------------------|----------|
| PCB Mount Orientation | Vertical |
| Number of Positions   | 8        |
| Number of Rows        | 3        |

Body Features

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

Contact Features

|                                      |          |
|--------------------------------------|----------|
| Contact Mating Area Plating Material | Tin (Sn) |
| Contact Type                         | Pin      |



|                              |     |
|------------------------------|-----|
| Contact Current Rating (Max) | 8 A |
|------------------------------|-----|

Termination Features

|                           |                       |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
|---------------------------|-----------------------|

Mechanical Attachment

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

Housing Features

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

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °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 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 # 58529-1  
PRO-CRIMPER III TOOL AMPSEAL

TE Part # 776276-1  
8POS,PIN DIA 1.3,HDR ASSY,180DEG, COD 1

TE Part # CAT-AM78-CH8172  
AMPSEAL Receptacle Housings

Also in the Series | AMPSEAL

Automotive Connector Locks & Position Assurance(1)

Automotive Headers(133)

Automotive Housings(34)

Connector Caps & Covers(1)

Connector Seals & Cavity Plugs(3)

Other Automotive Connector Accessories(2)

PCB Headers & Receptacles(133)

Wire-to-Board Headers & Receptacles (126)

Customers Also Bought





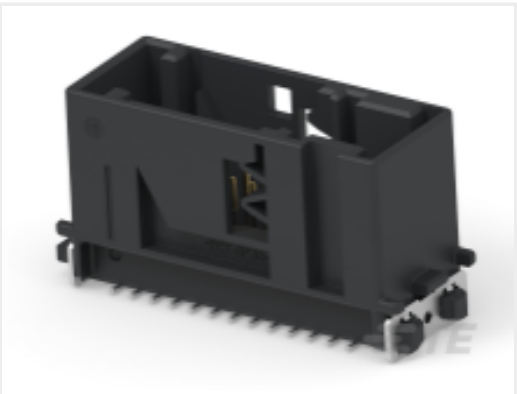
TE Part #88997-2  
FFC S.TAB 100SNPB RL



TE Part #1010-070-0606  
SEAL, INTF, 6P, RED-ORG, SL RET, DT



TE Part #CAT-AM74-UN384H  
AMP-LATCH UNIVERSAL HEADERS



TE Part #1-1924678-5  
26P SMT LAC HDR ASY, KEY AE, Hand Mate

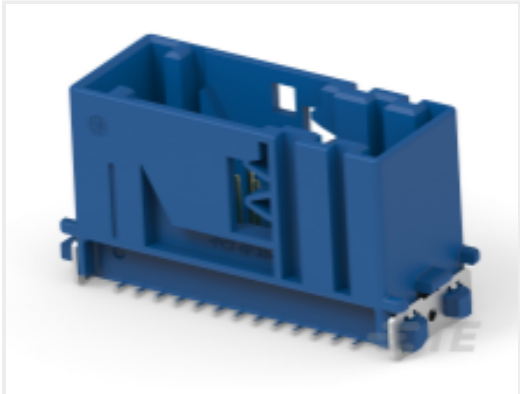
TE Part #1010-020-1206  
SEAL, INTF, 12P, RED-ORG, STD, DT



TE Part #2027234-2  
T9ES1D14-12

TE Part #1010-007-0806  
SEAL, INTF, 8P, RED-ORG, STD, DT

TE Part #1010-016-0406  
SEAL, INTF, 4P, RED-ORG, STD, DT



TE Part #1-1924678-6  
26P SMT LAC HDR ASY, KEY BF, Hand Mate

Documents

Product Drawings

8POS,PIN DIA 1.3,HDR ASSY,180DEG,COD 1

English

CAD Files

Customer View Model

ENG\_CVM\_776275-1\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_776275-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_776275-1\_A.3d\_stp.zip

English

3D PDF

English

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

Datasheets & Catalog Pages



AMPSEAL Connector Series

English

AMPSEAL Connector Catalog

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English