



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: **23**

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	23
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) Candidate List Declared Against: JAN 2025 (247) 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 # 2455016-1
PLUG ASSEMBLY,23 POSITION, AMPSEAL, CODE A

TE Part # CAT-AM78-CH8172
AMPSEAL Receptacle Housings

TE Part # 58529-1
PRO-CRIMPER III TOOL AMPSEAL

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 #641825-1
08P UMNL PIN HDR ASSY V2 NATL

TE Part #826951-3
3P MOD2 STIFT LEI

TE Part #CAT-J04-APHH
AMPSEAL PCB Right-Angle Headers

TE Part #CAT-AM78-H342
AMPSEAL PCB Vertical Headers

TE Part #4515DO-DS3AI010DP
PRESS XDCR,DIGITAL,INH20 RANGE

TE Part #4-794627-0
10P MICRO MNL ASSY, RA, SMT, L

TE Part #1-2282265-5
5POS,HVA,630,PIGTAIL,HYB ASSY

Documents

Product Drawings

23POS,PIN DIA 1.3,HDR ASSY,180DEG,COD 1

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_776228-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_776228-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_776228-1_F.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 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