



Automotive Parts > Automotive Connectors > Automotive Headers > AMPSEAL PCB Vertical Headers



PCB Mount Orientation: **Vertical**

Contact Current Rating (Max): **8 A**

Termination Method to PCB: **Through Hole - Solder**

Sealable: **Yes**

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

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

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	23
Number of Rows	3

Body Features

Connector & Keying Code	4
Primary Product Color	Gray

Contact Features

Contact Type	Pin
Contact Current Rating (Max)	8 A
Contact Mating Area Plating Material	Tin (Sn)



Termination Features

Termination Method to PCB	Through Hole - Solder
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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]
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Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tray
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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 # 58529-1
PRO-CRIMPER III TOOL AMPSEAL

TE Part # CAT-AM78-CH8172
AMPSEAL Receptacle Housings

Also in the Series | AMPSEAL

Automotive Housings(34)

Automotive Terminals(8)

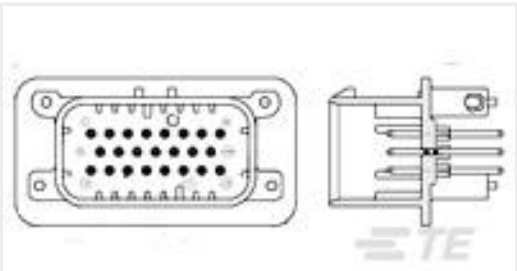
Customers Also Bought

TE Part #292253-2
CT CONN MT HDR ASSY H 2P NAT

TE Part #644753-3
03P MTA156 HDR ASSY RN STR F/L

TE Part #644753-4
04P MTA156 HDR ASSY RN STR F/L

TE Part #CAT-AM78-CH8172
AMPSEAL Receptacle Housings



TE Part #776228-1
23POS,PIN DIA 1.3,HDR ASSY,
180DEG,COD 1



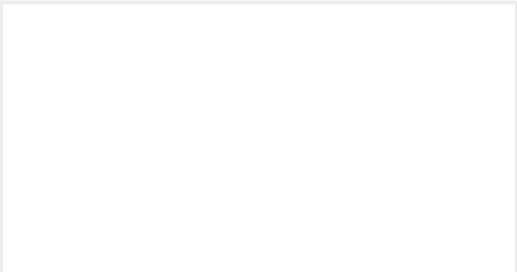
TE Part #3-1879518-2
CRGH2010 1% 21R 1W



TE Part #3-2176331-0
CRGP 2512 2K7 1%



TE Part #2-2176337-9
CRGCQ 0402 2K2 1%



TE Part #2316489-3
CT BOX HDR V SMT 3P O/TAPE NAT
W/M

Documents

Product Drawings

23POS,PIN DIA 1.3,HDR ASSY,180DEG,COD 4

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_776228-4_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_776228-4_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_776228-4_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