



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



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **35**

Number of Rows: **3**

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

Features

Body Features

| | |
|-------------------------|------|
| Connector & Keying Code | 5 |
| Primary Product Color | Blue |

Product Type Features

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

Configuration Features

| | |
|-----------------------|----------|
| PCB Mount Orientation | Vertical |
| Number of Positions | 35 |
| Number of Rows | 3 |

Contact Features

| | |
|--------------------------------------|------|
| Contact Mating Area Plating Material | Gold |
| Contact Type | Pin |
| Contact Current Rating (Max) | 17 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 – 125 °C[-40 – 257 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Industry Standards

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

Packaging Features

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

Other

| | |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance | Compliant |

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

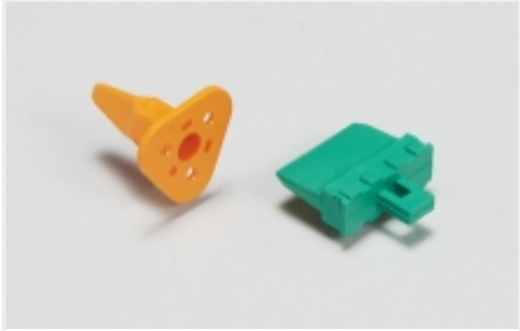
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Headers\(120\)](#)



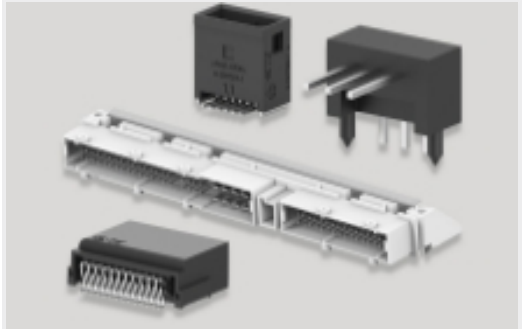
[Automotive Housings\(31\)](#)



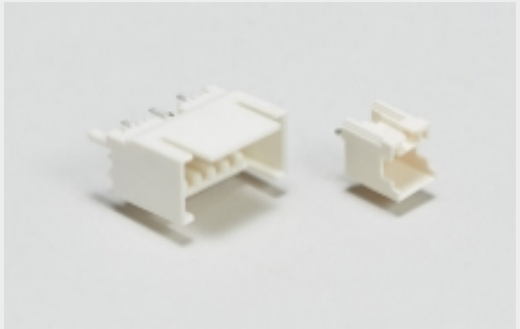
[Connector Backshells\(4\)](#)



[Connector Seals & Cavity Plugs\(2\)](#)



[PCB Headers & Receptacles\(120\)](#)



[Wire-to-Board Headers & Receptacles \(119\)](#)

Customers Also Bought



TE Part #G-MRCO-016
KMT 32B TDFN ROHS

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

TE Part #1SNG625076R0000
EM-SGL-PG21-MET-C

TE Part #1623283-1
CRG0805 1% 75R

TE Part #4-2176327-5
CRGP 0805 47K 1%

TE Part #2292862-1
AS16,CAP BACKSHELL KIT,ST,04P,
SMOOTH

TE Part #TAD1453A201-002
M12D4-MS-FS-TPE-24SH-TEAL-1.0M

TE Part #4-1614891-2
CPF 0805 191R 0.1% 25PPM 1K RL

TE Part #TRAB4103P
OMNI,PH,PMT,410-430MHz

Documents

Product Drawings

35POS,PIN DIA 1.3,HDR ASSY,180DEG,COD 5

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-776231-5_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-776231-5_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-776231-5_D.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](#)

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[ICT Terminals and Connectors Catalogue](#)

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[Product Specifications](#)

[Application Specification](#)

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