



Connectors > PCB Connectors > PCB Headers & Receptacles > AMPSEAL PCB Horizontal Headers



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

Number of Positions: **8**

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

Sealable: **Yes**

PCB Mount Orientation: **Right Angle**

[All AMPSEAL PCB Horizontal Headers \(55\)](#)

Features

Product Type Features

Mixed & Hybrid Header	No
Connector Shape	Rectangular
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 Sections	1
Number of Signal Positions	8
Number of Positions	8
PCB Mount Orientation	Right Angle
Number of Rows	3



Electrical Characteristics

Voltage Rating (Max)	250 VAC
Nominal Voltage Architecture	250 V
Operating Voltage	250 VAC

Body Features

Primary Product Color	Black
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Contact Features

Contact Size	1.3mm
Contact Type	Pin
Mating Pin Diameter	1.3 mm[.051 in]
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	8 A

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Mounting Holes	With
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	With
Mating Retention Type	Locking Interface
Connector Mounting Type	Fixing Screw

Housing Features

Centerline (Pitch)	4 mm[.157 in]
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Dimensions

Connector Length	40.8 mm[1.6 in]
Connector Width	37.9 mm[1.5 in]
PCB Thickness (Recommended)	1.5 – 1.6 mm[.06 – .063 in]
Profile Height from PCB	27.9 mm[1.1 in]

Usage Conditions

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Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Degree of Protection	IP6K9K
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Type	Tray
Packaging Quantity	280

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 260°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(5)



Connector Seals & Cavity Plugs(1)



PCB Headers & Receptacles(116)


Customers Also Bought



TE Part #3-1879234-2
SMF5 10K 5%



TE Part #MS560702BA03-50
MS5607-02BA SS CAP ALTIMETER T&R



TE Part #5-146252-7
14 MODII HDR DRST B/A .100 LF



TE Part #5-2176230-9
3522 56K 5% 3W



TE Part #5-2176337-8
CRGCQ 0402 560K 1%



TE Part #K1161759
Emergency Stop Switch ES-2002-T312-020B



TE Part #0411-337-1205
EXT TOOL, SIZE 12, 12-14 AWG, E, ORG



TE Part #811938-1
DOG, CLUTCH



Documents

Product Drawings

8 POS RTANG HDR ASSY W/GASK & EXT. FLANG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_776280-6_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_776280-6_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_776280-6_H.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

Product Specifications

Application Specification

English