



Connectors > PCB Connectors > PCB Headers & Receptacles > Low & Medium Power Header



Connector System: **Wire-to-Board**  
Number of Positions: **32**  
Centerline (Pitch): **5 mm [ .197 in ]**  
Sealable: **No**  
PCB Mount Orientation: **Horizontal**

[All Low & Medium Power Header \(168\)](#)

Features

Product Type Features

Mixed & Hybrid Header	Yes
Connector Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header
Header Type	Fully Shrouded
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Sections	2
Number of Positions	32
PCB Mount Orientation	Horizontal
Number of Rows	2



Electrical Characteristics

Nominal Voltage Architecture	12 V
Operating Voltage	12 VDC

Body Features

Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	1.5mm, 2.8mm, 4.8mm
Contact Type	Tab
Contact Mating Area Plating Material	Tin

Termination Features

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

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

Housing Features

Centerline (Pitch)	5 mm[.197 in]
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Dimensions

Connector Length	32.3 mm[1.26 in]
Connector Width	97.8 mm[3.814 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

Operation/Application

Shielded	No
Circuit Application	Power & Signal

Packaging Features



Packaging Type	Tray
Packaging Quantity	12

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: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 240°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

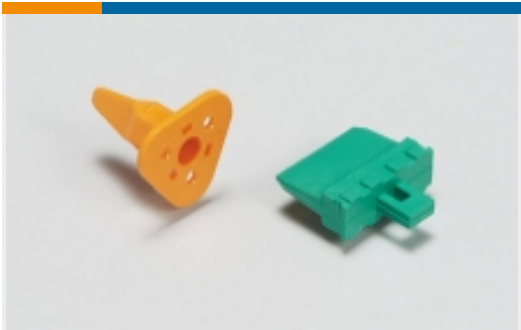


TE Part # CAT-AM705-CH8173  
AMP MCP Unsealed Connector  
Housings

Also in the Series | AMP MCP Connector System



Automotive Connector Caps & Covers (25)



Automotive Connector Locks & Position Assurance(7)



Automotive Housings(360)



Automotive Terminals(135)



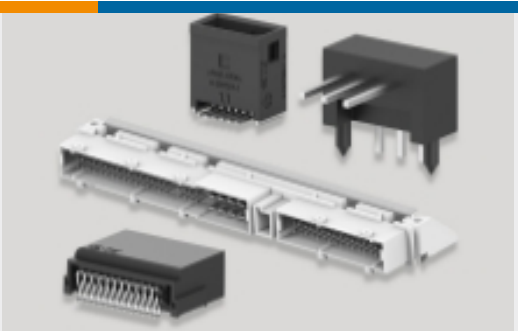
Connector Seals & Cavity Plugs(6)



Insertion & Extraction Tools(13)

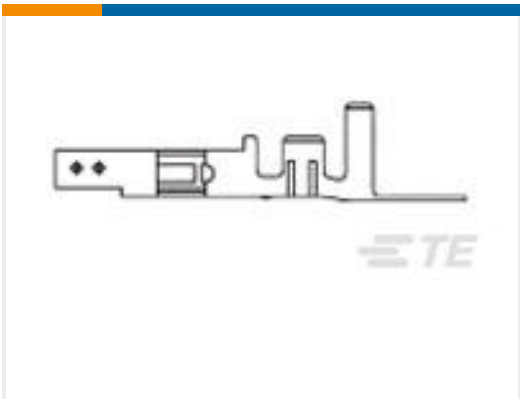


Other Automotive Connector Accessories(3)



PCB Headers & Receptacles(30)

Customers Also Bought



TE Part #794958-1  
VAL-U-LOK SKT BR SN 22-26AWG



TE Part #1969608-5  
5P VAL-U-LOK TPA 22-18 AWG



TE Part #966140-3  
AMP MCP Unsealed Headers



TE Part #1-2112180-3  
POF,FO PIGTAIL,MOST,150, HAMA., ASSY



TE Part #1241893-6  
2X6P HV100 REC. CON, SMD, TIN, BLIST,BE



TE Part #9-1924089-6  
44p Hyb 2.8/040 Cap Assy, gray, tin



TE Part #3-1879391-5  
MGPWT-00401, XFMR PROP EE19 TH

Documents

Product Drawings  
TAB HEADER ASSY 32POS

English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_1534046-1\_C.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_1534046-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1534046-1\\_C.3d\\_stp.zip](#)

English

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Product Specifications

Application Specification

English

Application Specification

English