



Connectors > Automotive Connectors > Automotive Housings > AMP Unsealed Connector Housing



Number of Positions: 18

Connector & Housing Type: Housing for Female Terminals

Mating Tab Width: 1.6 mm [.063 in]

Connector System: Wire-to-Board, Wire-to-Device, Wire-to-Wire

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

[All AMP Unsealed Connector Housing \(109\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Sealable	No
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	18
Number of Rows	2

Electrical Characteristics

Operating Voltage	36 VDC
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Nominal Voltage Architecture	12 V, 24 V
Body Features	
Cable Exit Angle	180°
Primary Product Color	Black
Contact Features	
Contact Size	1.5K
Contact Type	Receptacle
Mating Tab Width	1.6 mm[.063 in]
Mechanical Attachment	
Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	PBT GF
Centerline (Pitch)	4 mm[.157 in]
Dimensions	
Row-to-Row Spacing	3.5 mm[.138 in]
Product Width	23.5 mm[.925 in]
Product Length	38.4 mm[1.512 in]
Connector Height	9.5 mm[.374 in]
Usage Conditions	
Operating Temperature (Max)	120 °C[248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
UL Flammability Rating	UL 94HB
Packaging Features	
Packaging Quantity	1500



Packaging Method	Box
Other	
Serviceable	Yes
Connector Position Assurance Capable	No

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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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 # 1-1718492-5  
1.5MM TAB HSG 36 POS ASSY



TE Part # 1-1670615-2  
36POS,MIXED,HEADER ASSY,CONV. KIT 25POS



TE Part # 1-1718492-3  
1.5MM TAB HSG 36 POS ASSY



TE Part # CAT-M4599-B128  
AMP Carrier for Receptacle Inserts



TE Part # 1-2112891-5  
36POS,TAB 1.5X0.6,TAB HSG,ASSY



TE Part # 2-1670615-1  
36POS,MIXED,HEADER ASSY,CONV. KIT 25POS



TE Part # 1-1718492-4  
1.5MM TAB HSG 36 POS ASSY



TE Part # CAT-AM705-T273  
AMP MCP, RECEPTACLE AND TAB



TE Part # 2-1670615-2  
36POS,MIXED,HEADER ASSY,CONV. KIT 25POS



TE Part # CAT-AM705-CH8173  
AMP Unsealed Connector Housing



TE Part # 1-2112891-6  
36POS,TAB 1.5X0.6,TAB HSG,ASSY



TE Part # 1-1579007-1  
EXTRACTION TOOL




TE Part # 1-1670615-1  
36POS,MIXED,HEADER ASSY,CONV. KIT 25POS




TE Part # 1-2141847-4  
CARRIER,RECEPTACLE HSG, 36POS, ASSY

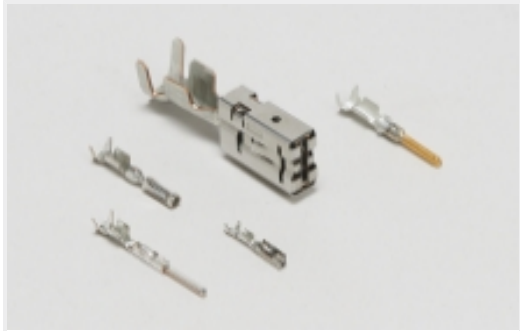
Also in the Series | AMP MCP 1.5K




Automotive Connector Caps & Covers (25)



Automotive Housings(257)



Automotive Terminals(7)



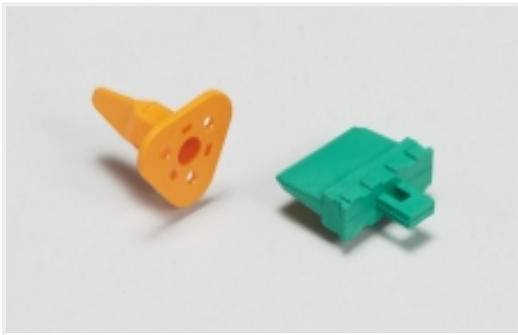
Insertion & Extraction Tools(13)

Also in the Series | AMP MCP Connector System





Automotive Connector Caps & Covers (25)



Automotive Connector Locks & Position Assurance(4)



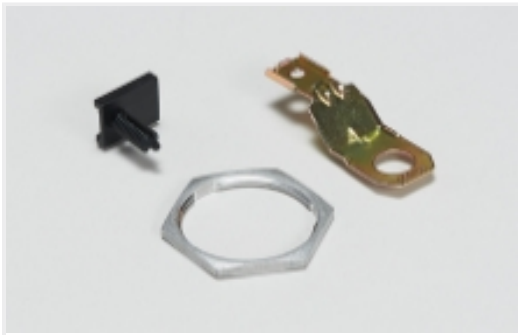
Automotive Housings(257)



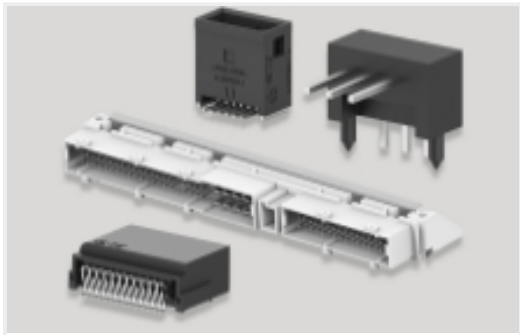
Automotive Terminals(7)



Connector Seals & Cavity Plugs(5)



Other Automotive Connector Accessories(3)



PCB Headers & Receptacles(31)



Rectangular Power Connectors(15)

Customers Also Bought



TE Part #953119-1  
20POS MQS REC



TE Part #CAT-AM705-CH8173  
AMP Unsealed Connector Housing



TE Part #CAT-M4599-B128  
AMP Carrier for Receptacle Inserts



TE Part #2209954-1  
AIRBAG 24P COVER ASSY

Documents

Product Drawings

AMP MCP 1.5 RECEPT HSG 18 POS

English

CAD Files

Customer View Model

ENG\_CVM\_1718489-1\_A1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_1718489-1\_A1.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_1718489-1\_A1.2d\_dxf.zip

English

3D PDF

English

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[Product Specifications](#)

[Application Specification](#)

German