

1718489-1 ✓ ACTIVE

AMP | AMP MCP 1.5K, AMP MCP Connector System

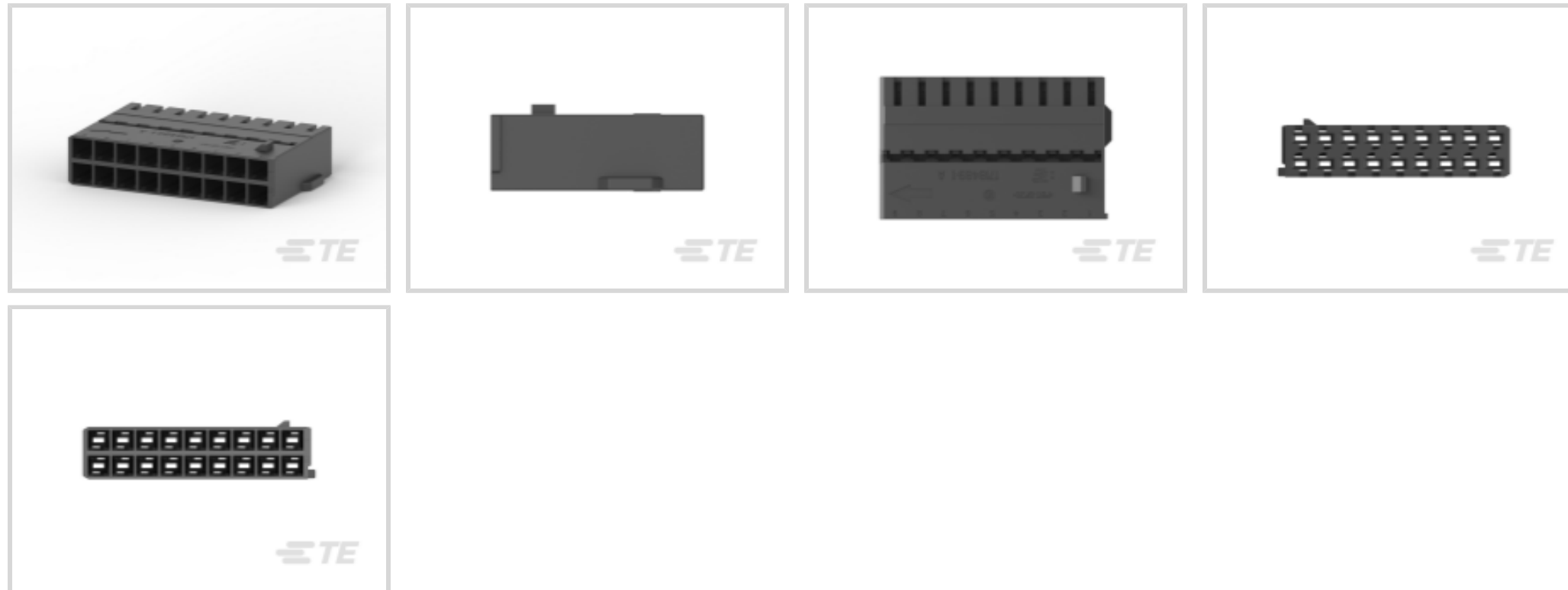
TE Internal #: 1718489-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device / Wire-to-Wire, 18 Position, 4 mm [.157 in] Centerline, Black, Wire & Cable, Hybrid

[View on TE.com >](#)



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



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

Number of Positions: **18**

Connector & Housing Type: **Housing for Female Terminals**

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

Sealable: **No**

[All AMP Unsealed Connector Housing \(110\)](#)

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	18
Number of Rows	2

### Electrical Characteristics

Operating Voltage	36 VDC
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Nominal Voltage Architecture	36 V
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### Body Features

Cable Exit Angle	180°
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Primary Product Color	Black
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### Contact Features

Contact Size	1.5K
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Contact Type	Receptacle
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Mating Tab Width	1.6 mm[.063 in]
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### Mechanical Attachment

Terminal Position Assurance	No
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Strain Relief	Without
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Mating Alignment Type	Polarized
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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### Housing Features

Housing Material	PBT GF
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Centerline (Pitch)	4 mm[.157 in]
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### Dimensions

Connector Height	9.5 mm[.374 in]
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Product Width	23.5 mm[.925 in]
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Product Length	38.4 mm[1.512 in]
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Row-to-Row Spacing	3.5 mm[.138 in]
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### Usage Conditions

Operating Temperature (Max)	120 °C[248 °F]
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Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]
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### Operation/Application

Circuit Application	Power
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### Industry Standards

UL Flammability Rating	UL 94HB
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### Packaging Features

Packaging Quantity	1500
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # CAT-M4599-B128  
AMP Carrier for Receptacle Inserts



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



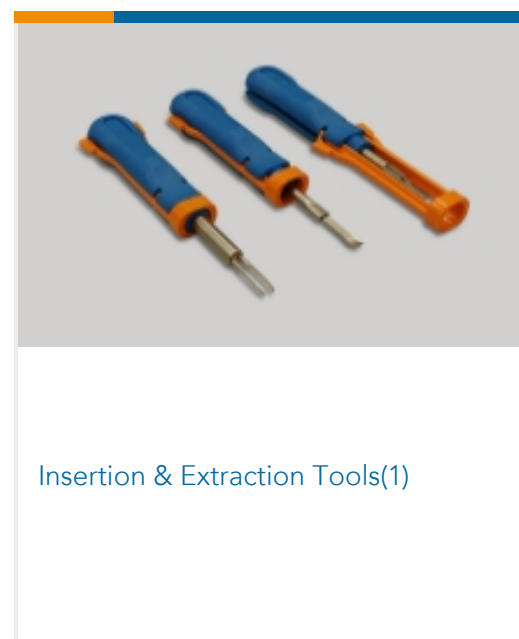
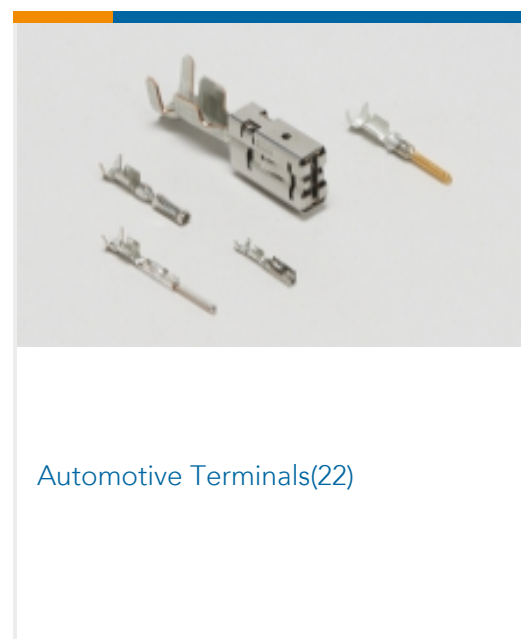
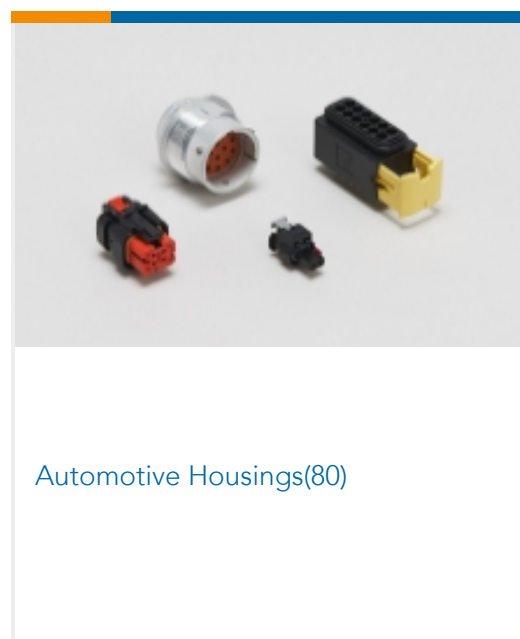
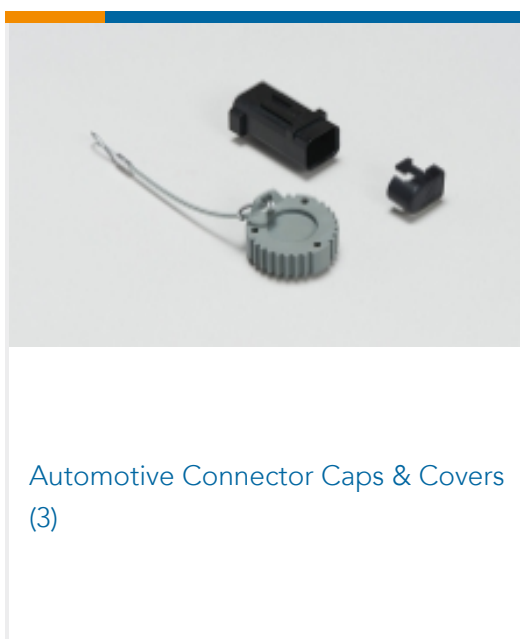
TE Part # CAT-AM705-T273  
AMP MCP, RECEPTACLE AND TAB



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



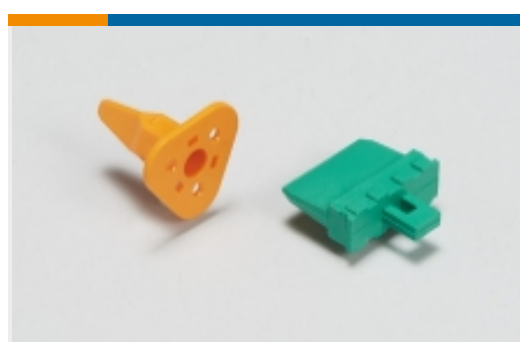
Also in the Series | **AMP MCP 1.5K**



Also in the Series | **AMP MCP Connector System**



Automotive Connector Caps &amp; Covers (24)



Automotive Connector Locks &amp; Position Assurance(4)



Automotive Housings(260)



Automotive Terminals(11)



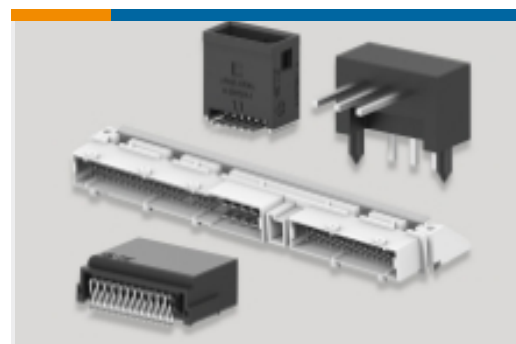
Connector Seals &amp; Cavity Plugs(5)



Insertion &amp; Extraction Tools(13)

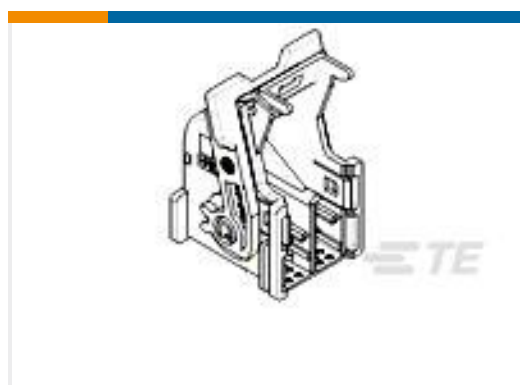


Other Automotive Connector Accessories(2)



PCB Headers &amp; Receptacles(28)

## Customers Also Bought

TE Part #1-1718491-1  
AMP Unsealed Connector HousingTE Part #953122-3  
40W MQS COVER ASSY (15D)TE Part #1-1718485-3  
AMP Carrier for Receptacle Inserts

## 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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.



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[Product Specifications](#)

[Application Specification](#)

German