

1718490-1 ✓ ACTIVE



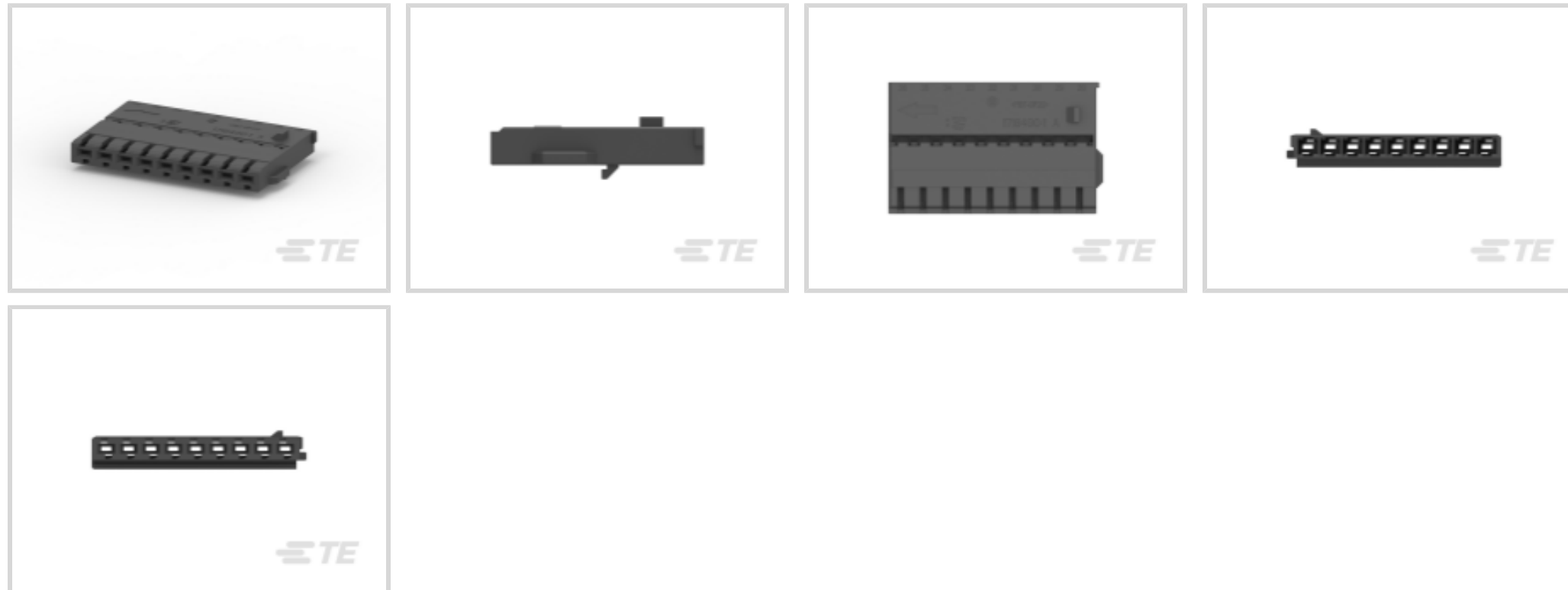
AMP | AMP MCP 1.5K, AMP MCP Connector System

TE Internal #: 1718490-1

Housing for Female Terminals, Wire-to-Wire, 9 Position, 4 mm [.157 in] Centerline, Black, Wire & Cable, Power, Cable Mount (Free-Hanging), Hybrid

[View on TE.com >](#)

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



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

Number of Positions: **9**

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

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

Configuration Features

Number of Positions	9
Number of Rows	1

Housing Features

Centerline (Pitch)	4 mm [.157 in]
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Housing Material	PBT GF20
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Contact Features

Mating Tab Width	1.6 mm[.063 in]
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Contact Size	1.5K
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Contact Type	Receptacle
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Body Features

Primary Product Color	Black
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Connector & Keying Code	A
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Cable Exit Angle	180°
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Operation/Application

Circuit Application	Power
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Strain Relief	Without
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Terminal Position Assurance	No
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Mating Alignment Type	Keyed
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Mating Alignment	With
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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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Other

Connector Position Assurance Capable	No
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EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Serviceable	Yes
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Electrical Characteristics

Operating Voltage	36 VDC
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Dimensions

Product Width	4.2 mm[.165 in]
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Product Length	37.2 mm[1.46 in]
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Connector Height	23.5 mm[.925 in]
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Industry Standards



UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box
Packaging Quantity	1000

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



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



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



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



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



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



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



TE Part # 1-2364901-2
36POS. AMP MCP 1,5K, REC HSG ASSY, UNSLD

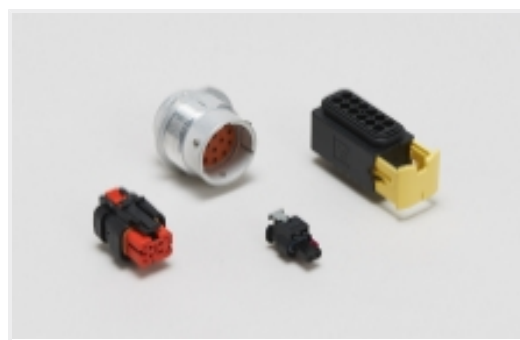


TE Part # 2-1670615-1
36POS,MIXED,HEADER ASSY,CONV. KIT 25POS

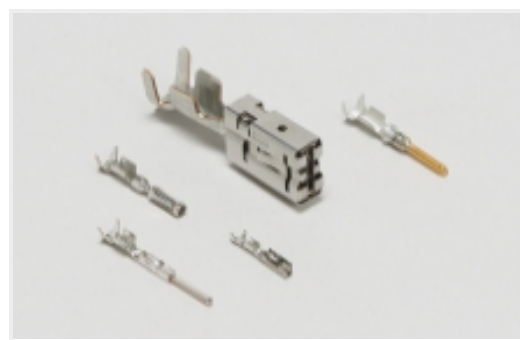
Also in the Series | **AMP MCP 1.5K**




Automotive Connector Caps & Covers (3)



Automotive Housings(80)



Automotive Terminals(22)

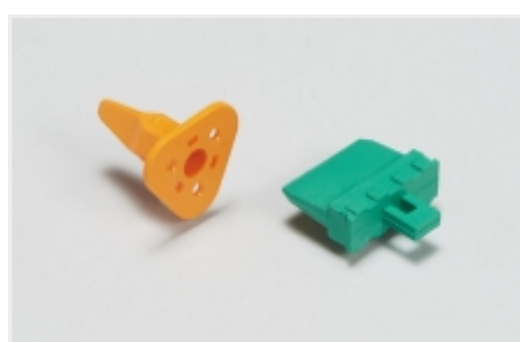


Insertion & Extraction Tools(1)

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



Automotive Connector Caps & Covers (24)



Automotive Connector Locks & Position Assurance(4)



Automotive Housings(265)



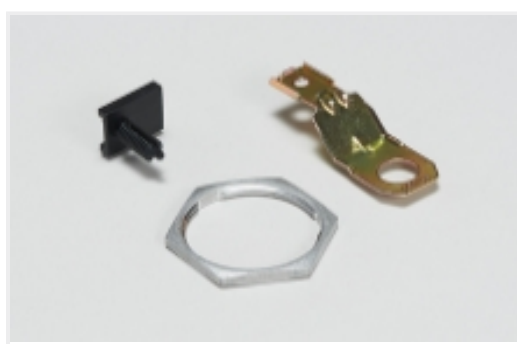
Automotive Terminals(11)



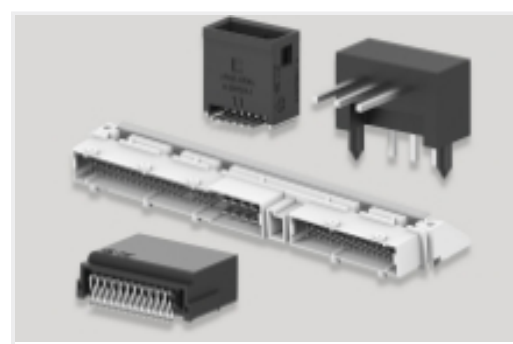
Connector Seals & Cavity Plugs(5)



Insertion & Extraction Tools(13)

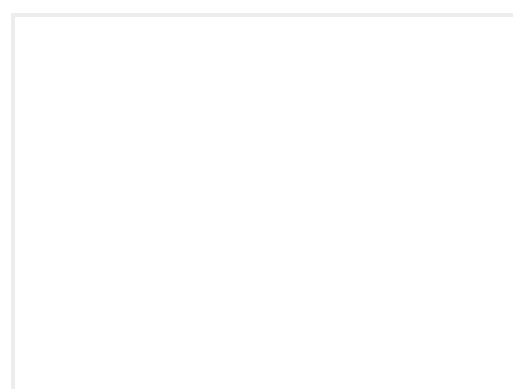


Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(32)

Customers Also Bought

TE Part #1-1718484-2
AMP Carrier for Receptacle InsertsTE Part #1-2112891-1
AMP Unsealed Connector HousingTE Part #1241374-1
AMP MCP 1.5K, CONTACTTE Part #336363-3
TOP COVER, ISCS

Documents

Product Drawings

[AMP MCP 1.5 RECEPT HSG 9 POS](#)

English

CAD Files

Customer View Model

[ENG_CVM_1718490-1_A1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1718490-1_A1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1718490-1_A1.2d_dxf.zip](#)

English

3D PDF

English

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



[Product Specifications](#)

[Application Specification](#)

German