

1563689-1 ✓ ACTIVE

AMP | AMP MCP 1.5K, AMP MCP Connector System

TE Internal #: 1563689-1

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

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings > AMP MCP, SEALED CONNECTOR HOUSING



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

Number of Positions: **4**

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

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

Sealable: **Yes**

[All AMP MCP, SEALED CONNECTOR HOUSING \(161\)](#)

## 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	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	On the Terminal

### Configuration Features

Number of Positions	4
Number of Rows	1

### Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

### Body Features

Cable Exit Angle	180°
Primary Product Color	Black



Connector & Keying Code	I
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### Contact Features

Contact Size	1.5mm
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Contact Type	Receptacle
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Mating Tab Width	1.5 mm[.06 in]
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Contact Current Rating (Max)	15 A
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### Mechanical Attachment

Terminal Position Assurance	Yes
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Strain Relief	Without
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Mating Alignment Type	Keyed
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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
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Centerline (Pitch)	4 mm[.157 in]
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### Dimensions

Connector Height	21.1 mm[.831 in]
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Product Width	31.4 mm[1.236 in]
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Product Length	29.5 mm[1.161 in]
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### Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F]
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Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]
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### Operation/Application

Circuit Application	Power
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### Packaging Features

Packaging Quantity	400
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Packaging Method	Package
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### Other

Serviceable	Yes
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Connector Position Assurance Capable	No
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## 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	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



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



Automotive Connector Caps & Covers (1)



Automotive Housings(94)



Automotive Terminals(3)

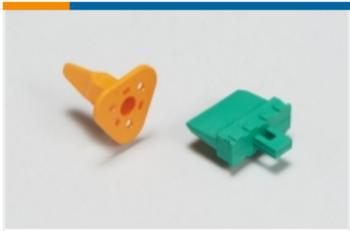


Insertion & Extraction Tools(1)

## Also in the Series | AMP MCP Connector System



Automotive Connector Caps & Covers (22)



Automotive Connector Locks & Position Assurance(6)



Automotive Housings(332)



Automotive Terminals(130)



Connector Seals & Cavity Plugs(7)



Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(28)

## Customers Also Bought



TE Part #963598-1  
Timer Connector Housing



TE Part #DTM04-2P-P006  
REC, 2P, GRY, 120 OHM RESISTOR, AU, A



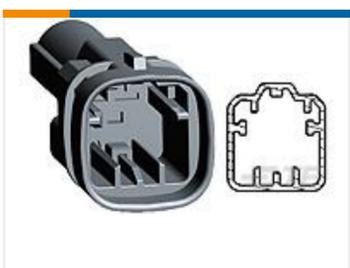
TE Part #2-1418469-1  
6POS,AMP MCP1.5K,REC. HSG, COD



TE Part #9-1768016-7  
CSL-14033P-9



TE Part #2-962340-1  
4P FLACHSTCK GEH2,8



TE Part #1544606-1  
TAB HOUSING, 8MM NG1, 1 WAY



TE Part #1-2236952-5  
2POS, MCON 1.2 LL TAB SEALED COD A



TE Part #7-2151732-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-062F1550



## Documents

### Product Drawings

[4POS,AMP MCP1.5K,REC HSG,ASSY](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1563689-1\\_B.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1563689-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1563689-1\\_B.3d\\_stp.zip](#)

English

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