

1897214-1 ✓ ACTIVE

AMP MCP 6.3/4.8K, AMP MCP Connector System

TE Internal #: 1897214-1

Wire-to-Wire, 2 Position, .177 in [4.5 mm] Centerline, Sealable, Black, Power, Cable Mount (Free-Hanging), -40 – 248 °F [-40 – 120 °C], Hybrid

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings > AMP MCP Unsealed Connector Housings



Mating Tab Width: 6.3 mm [.248 in]

Connector System: Wire-to-Wire

Number of Positions: 2

Centerline (Pitch): 4.5 mm [.177 in]

Sealable: Yes

[All AMP MCP Unsealed Connector Housings \(187\)](#)

## Features

### Product Type Features

Connector Shape	Rectangular
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No

### Configuration Features

Number of Positions	2
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

### Contact Features

Contact Size	6.3mm
Mating Tab Width	6.3 mm[.248 in]



### Mechanical Attachment

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

### Housing Features

Housing Material	PA GF
Centerline (Pitch)	4.5 mm[.177 in]

### Dimensions

Connector Height	33.8 mm[1.331 in]
Product Width	24.8 mm[.976 in]
Product Length	28.4 mm[1.118 in]

### Usage Conditions

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

### Operation/Application

Circuit Application	Power
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### Packaging Features

Packaging Quantity	180
Packaging Method	Bag

### Other

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 2022 (224)

Candidate List Declared Against: JUNE 2022 (224)

Does not contain REACH SVHC

Halogen Content BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

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 # 1897213-2  
MCP 6.3 2P CAP HSG




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


### Also in the Series | AMP MCP 6.3/4.8K



Automotive Housings(12)



Automotive Seals & Cavity Plugs(2)



Automotive Terminals(5)

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



Automotive Connector Caps & Covers (24)



Automotive Connector Locks & Position Assurance (7)



Automotive Housings (352)



Automotive Seals & Cavity Plugs (6)



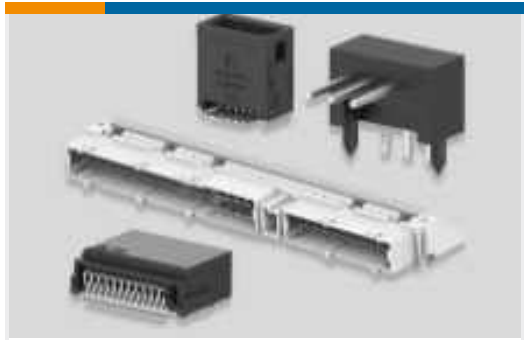
Automotive Terminals (125)



Insertion & Extraction Tools (13)



Other Automotive Connector Accessories (2)



PCB Headers & Receptacles (29)

## Customers Also Bought



TE Part #176146-2  
ECONOSEAL, CONNECTOR HOUSING



TE Part #964314-1  
TAB A 5.8x0.8 CONTACT CF SWS Sn



TE Part #175088-1  
Econoseal Receptacles and Tabs



TE Part #85011-1  
RUBBER PLUG FOR SEALED CONN.



TE Part #368269-1  
CLIP FOR 090 II MLC(KEY HOLE)



TE Part #968043-1  
SINGLE WIRE SEAL



TE Part #1743757-2  
SPT SEALED 3P CAP HSG



TE Part #936552-2  
CLIP HSG FOR 187 CONN BLACK

## Documents

### Product Drawings

[MCP 6.3 2P PLUG ASSY](#)

English

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1897214-1\\_A.2d\\_dxf.zip](#)

English

[3D PDF](#)

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3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1897214-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1897214-1\\_A.3d\\_stp.zip](#)

English

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**Product Specifications**

[Product Specification](#)

English