# 1534181-1 ✔ ACTIVE

AMP | AMP MCP 1.5K, AMP MCP Connector System

TE Internal #: 1534181-1

12 V, 10 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 4 mm [.15 in] Centerline, Black, Wire & Cable, Signal, Hybrid

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings







Nominal Voltage Architecture: **12 V**

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

Number of Positions: **10**

Sealable: **No**

Number of Rows: **2**

## Features

### Product Type Features

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

### Configuration Features

| | |
|---|---|
| Number of Positions | 10 |
| Number of Rows | 2 |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 260 VDC |
| Nominal Voltage Architecture | 12 V |

### Body Features

| | |
|---|---|
| Cable Exit Angle | 180° |
| Primary Product Color | Black |
| Connector & Keying Code | A |

## Contact Features

| | |
|---|---|
| Contact Size | 1.5mm |
| Contact Type | Receptacle |
| Mating Tab Width | 1.5 mm[.06 in] |
| Contact Current Rating (Max) | 20 A |

## Mechanical Attachment

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

## Housing Features

| | |
|---|---|
| Housing Material | PBT |
| Centerline (Pitch) | 4 mm[.15 in] |

## Dimensions

| | |
|---|---|
| Row-to-Row Spacing | 4 mm[.15 in] |
| Product Width | 23 mm[.9 in] |
| Product Length | 21.4 mm[.84 in] |
| Connector Height | 10.4 mm[.4 in] |

## Operation/Application

| | |
|---|---|
| Circuit Application | Signal |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 1000 |
| Packaging Method | Box |

## Other

| | |
|---|---|
| Serviceable | No |
| 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 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 # 1241374-1
AMP MCP 1.5K, CONTACT



TE Part # 1534184-2
MCP COVER ASSY32P



TE Part # 1534184-1
MCP COVER ASSY32P



TE Part # 1534180-2
MCP SUB ASSY 32 POS HSG REC



TE Part # 1534046-1
TAB HEADER ASSY 32POS



TE Part # 2-1534180-1
MCP REC HSG ASSY32P



TE Part # 1534180-1
MCP REC HSG ASSY32P



TE Part # 1534046-2
TAB HEADER ASSY 32POS



TE Part # 2141411-1
COVER,32POSN., REC HSG,ASSY

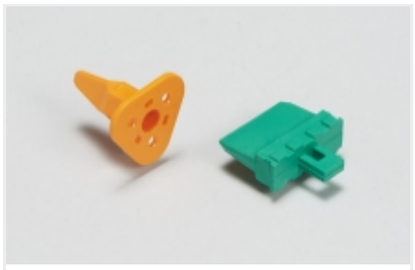


TE Part # 1534399-2
32POS,MIXED,HEADER ASSY, TURNED SLIDE

## Also in the Series | AMP MCP Connector System



Automotive Connector Caps & Covers (4)



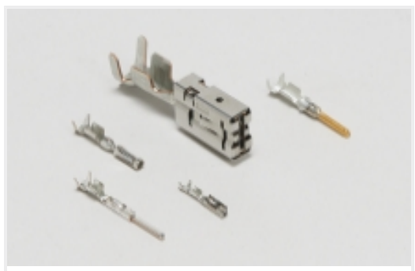
Automotive Connector Locks & Position Assurance(1)



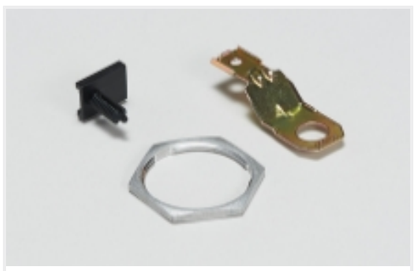
Automotive Housings(59)



Automotive Signal & Power Headers(8)



Automotive Terminals(22)

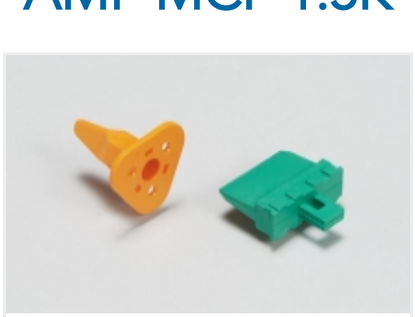


Other Automotive Connector Accessories(4)

## Also in the Series | AMP MCP 1.5K



Automotive Connector Caps & Covers (4)



Automotive Connector Locks & Position Assurance(1)



Automotive Housings(59)



Automotive Signal & Power Connector Housings(42)

## Customers Also Bought



TE Part #CAT-M8793-CH8172
MQS, CONNECTOR HOUSING



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



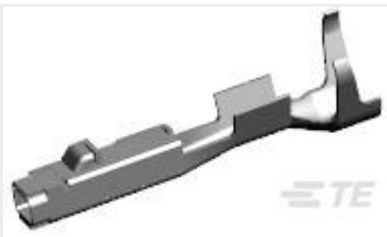
TE Part #5-1241608-1
MQS1,5 Sn rec CB unseal. 0,75-1,5



TE Part #1488991-1
3POS, MCON 1.2 CB REC 2p TL SEALED



TE Part #1534046-1
TAB HEADER ASSY 32POS



TE Part #1670146-2
MCON 1.2 CB REC SWS AU

## Documents

### Product Drawings

MCP1,5 REC HSG10P

English

### CAD Files

Customer View Model

ENG_CVM_1534181-1_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_1534181-1_B1.3d_stp.zip

English

Customer View Model

ENG_CVM_1534181-1_B1.2d_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

English