

1823467-8 ✓ ACTIVE

AMP MCP | AMP MCP 1.5K

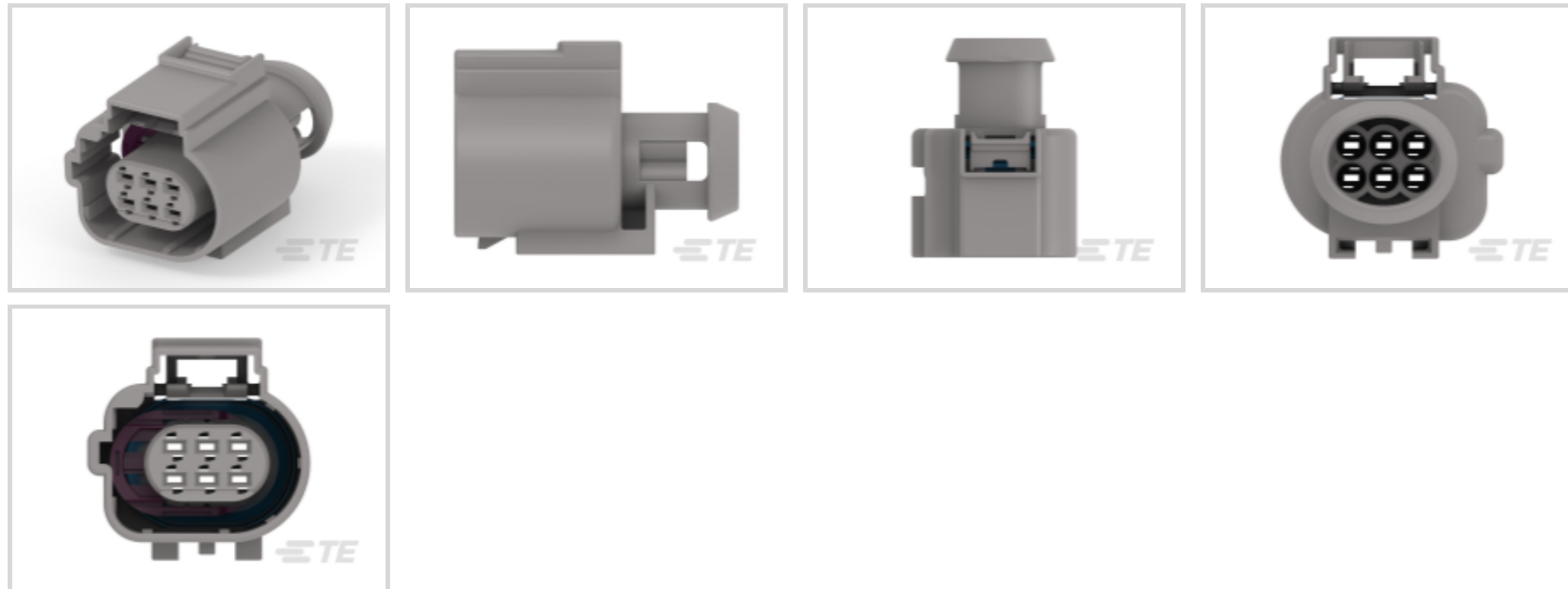
TE Internal #: 1823467-8

6 Position Housing, Housing for Female Terminals, Wire-to-Wire, 4 mm [.157 in] Centerline, Sealable, Gray, Wire & Cable, Power, AMP MCP 1.5K

[View on TE.com >](#)



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



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

Number of Positions: **6**

Sealable: **Yes**

Operating Temperature Range: **-40 – 150 °C [ -40 – 302 °F ]**

Number of Rows: **2**

[All AMP MCP, SEALED CONNECTOR HOUSING \(97\)](#)

## Features

### Product Type Features

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

### Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 6 |
| Number of Rows      | 2 |

### Electrical Characteristics

|                   |        |
|-------------------|--------|
| Operating Voltage | 14 VDC |
|-------------------|--------|



|                              |      |
|------------------------------|------|
| Nominal Voltage Architecture | 12 V |
|------------------------------|------|

### Body Features

|                         |      |
|-------------------------|------|
| Cable Exit Angle        | 180° |
| Primary Product Color   | Gray |
| Connector & Keying Code | H    |

### Contact Features

|                  |                 |
|------------------|-----------------|
| Contact Size     | 1.5K            |
| Contact Type     | Receptacle      |
| Mating Tab Width | 1.5 mm[.059 in] |

### Mechanical Attachment

|                             |                            |
|-----------------------------|----------------------------|
| Strain Relief               | Without                    |
| Terminal Position Assurance | Yes                        |
| Mating Alignment Type       | Keyed                      |
| Mating Alignment            | With                       |
| Connector Mounting Type     | Cable Mount (Free-Hanging) |

### Housing Features

|                    |               |
|--------------------|---------------|
| Housing Material   | PA            |
| Centerline (Pitch) | 4 mm[.157 in] |

### Dimensions

|                    |                   |
|--------------------|-------------------|
| Row-to-Row Spacing | 2.54 mm[.1 in]    |
| Product Width      | 36.4 mm[1.433 in] |
| Product Length     | 25.5 mm[1.004 in] |
| Connector Height   | 27.3 mm[1.075 in] |

### Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 150 °C[-40 – 302 °F] |
| Operating Temperature (Max) | 150 °C[302 °F]             |

### Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

### Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 450 |
| 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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>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

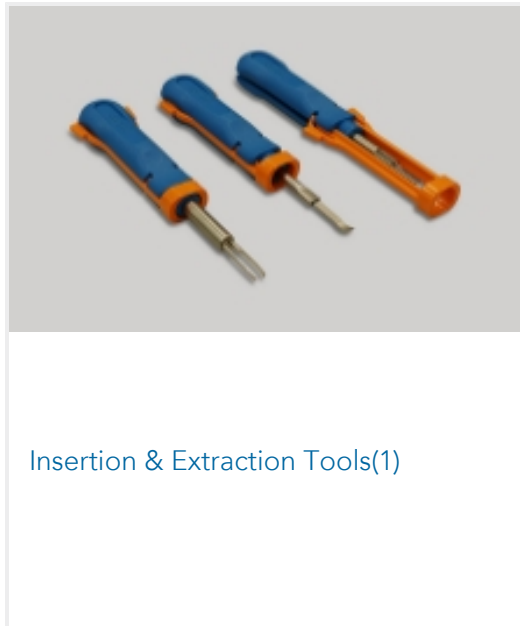
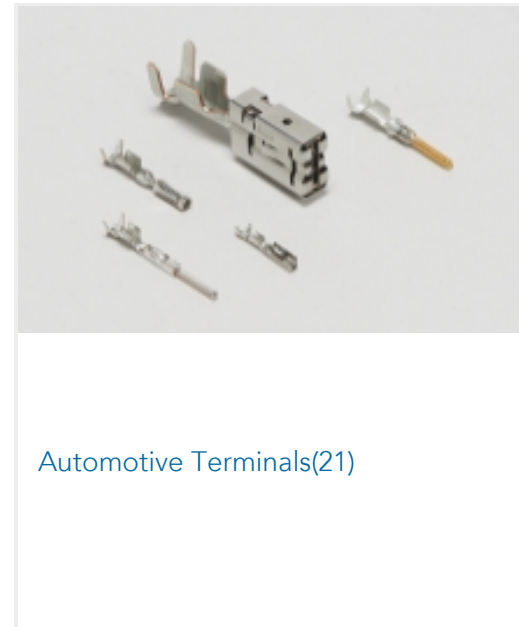
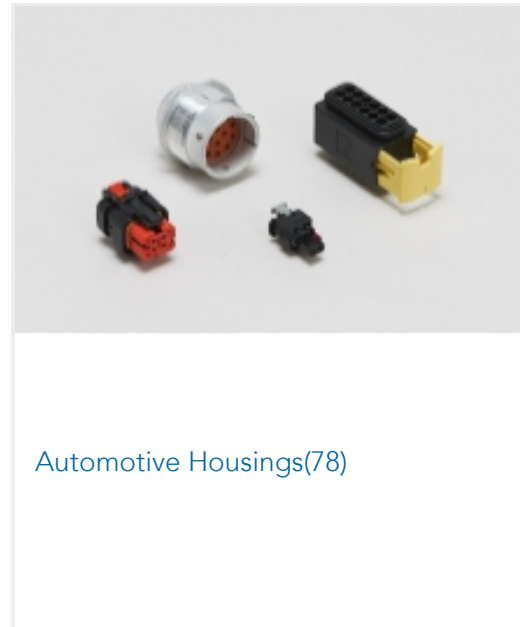
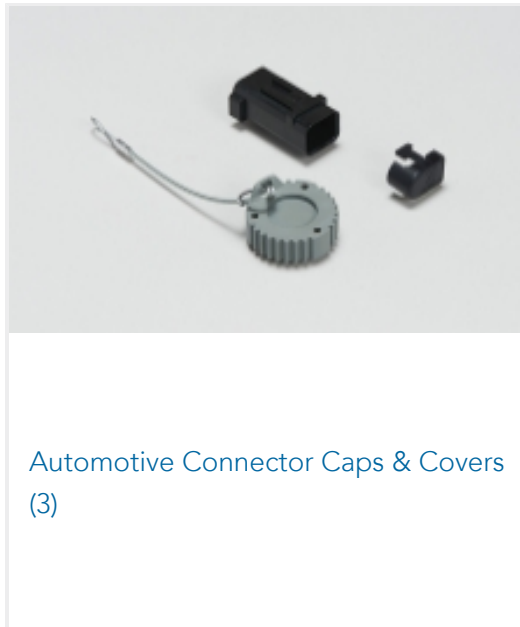
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

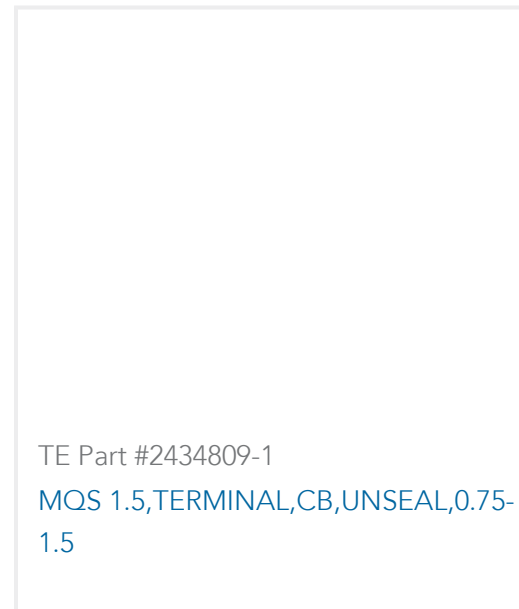
|  |   |   |   |
|--|---|---|---|
| <p>TE Part # 1823468-8<br/>6POS,AMP MCP1.5K,REC HSG,CODH</p> |  <p>TE Part # 964972-1<br/>EINZELLEITERDICHTNG</p> |  <p>TE Part # 963530-1<br/>EINZELLEITERDICHTNG</p> |  <p>TE Part # CAT-AM705-T273<br/>AMP MCP, RECEPTACLE AND TAB</p> |
|--|---|---|---|

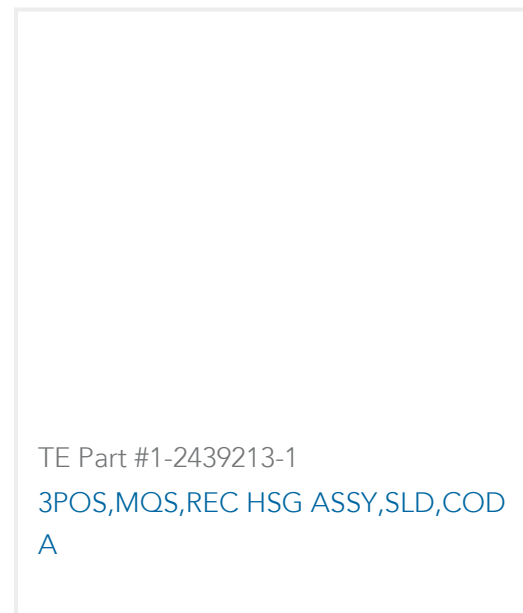
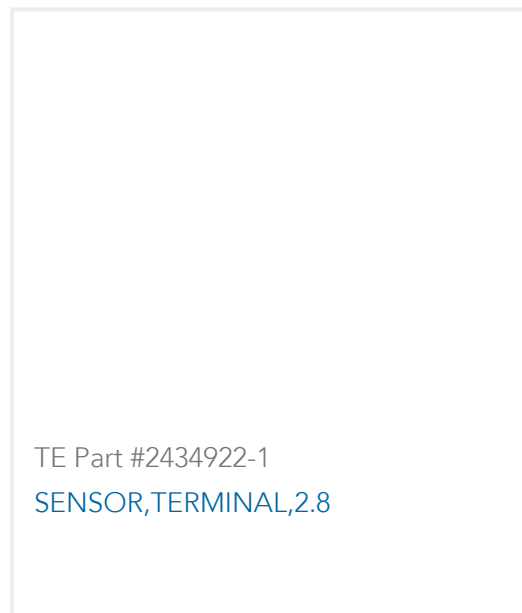


Also in the Series | **AMP MCP 1.5K**



Customers Also Bought





## Documents

### Product Drawings

6POS, AMP MCP1.5K, REC HSG, CODH

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1823467-8\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1823467-8\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1823467-8\_C.3d\_stp.zip

English

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

### Product Specifications

Termination\_4-14p\_radial\_seal\_1.6mm\_tab

German

Application Specification

German