

1-1718492-1 ✓ ACTIVE

AMP | AMP MCP 1.5K, AMP MCP Connector System

TE Internal #: 1-1718492-1

Housing for Male Terminals, Wire-to-Board / Wire-to-Device / Wire-to-Wire, 36 Position, .157 in [4 mm] Centerline, Brown, Signal, Panel Mount, Hybrid

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Connectors > Automotive Connectors > Connector Housings > AMP MCP, UNSEALED CONNECTOR HOUSING



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

Mating Tab Width: **1.5 mm [ .059 in ]**

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

Number of Positions: **36**

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

[All AMP MCP, UNSEALED CONNECTOR HOUSING \(187\)](#)

## Features

### Product Type Features

|                           |   |
|---------------------------|---|
| Connector & Housing Shape | Rectangular                                 |
| Connector & Housing Type  | Housing for Male Terminals                  |
| Connector System          | Wire-to-Board, Wire-to-Device, Wire-to-Wire |
| Sealable                  | No  |
| Hybrid Connector          | No  |
| Primary Locking Feature   | On the Terminal                             |

### Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 36 |
| Number of Rows      | 4  |

### Electrical Characteristics

|                              |            |
|------------------------------|------------|
| Operating Voltage            | 36 VDC     |
| Nominal Voltage Architecture | 12 V, 24 V |



### Body Features

|                       |        |
|-----------------------|--------|
| Cable Exit Angle      | 180°   |
| Body Material         | PBT GF |
| Primary Product Color | Brown  |
| Connector Code        | A      |

### Contact Features

|                  |                 |
|------------------|-----------------|
| Contact Size     | 1.6mm           |
| Contact Type     | Tab             |
| Mating Tab Width | 1.5 mm[.059 in] |

### Mechanical Attachment

|                             |             |
|-----------------------------|-------------|
| Mounting Feature            | Without     |
| Terminal Position Assurance | Yes         |
| Strain Relief               | Without     |
| Mating Alignment Type       | Keyed       |
| Mating Alignment            | With        |
| Connector Mounting Type     | Panel Mount |

### Housing Features

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

### Dimensions

|                    |                                  |
|--------------------|----------------------------------|
| Product Width      | 41.1 mm[1.618 in]                |
| Product Length     | 44.5 mm[1.75 in]                 |
| Product Height     | 32.05 mm[1.262 in]               |
| Row-to-Row Spacing | 5.5 mm, 6.3 mm[.217 in][.248 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 | Signal |
|---------------------|--------|

### Industry Standards

|                        |         |
|------------------------|---------|
| UL Flammability Rating | UL 94HB |
|------------------------|---------|



### Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 330 |
| 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 2022 (223)<br>Candidate List Declared Against: JAN 2022 (223)<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  |

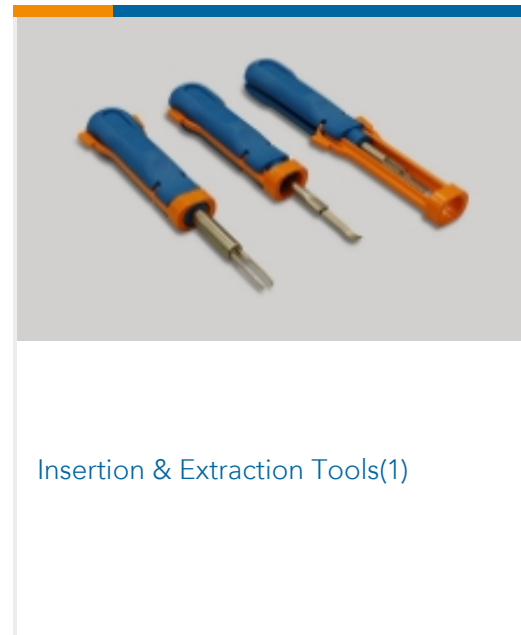
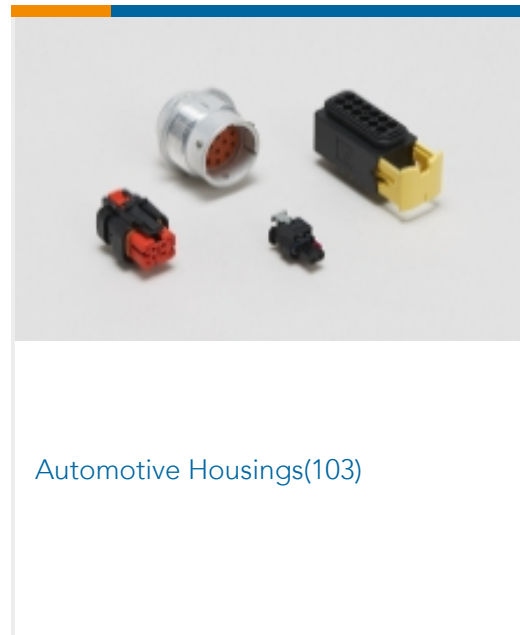
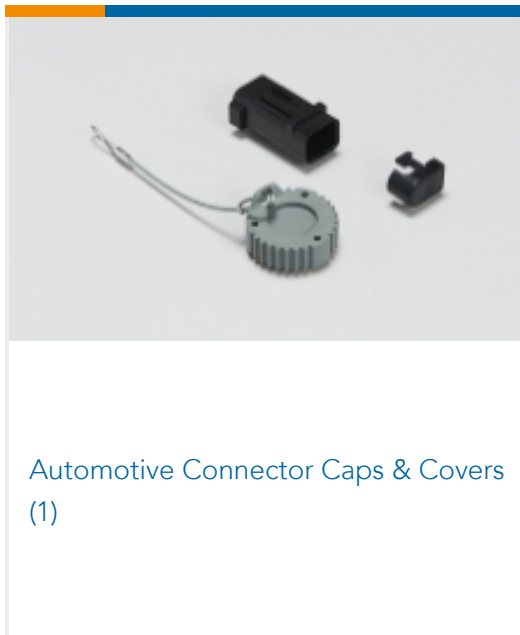
#### Product Compliance Disclaimer

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>

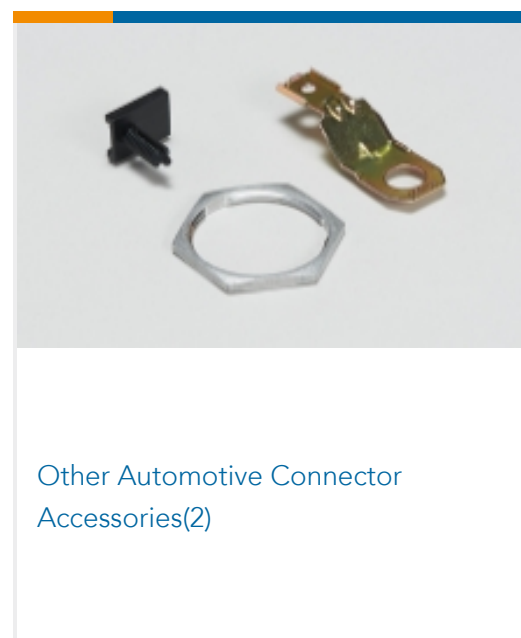
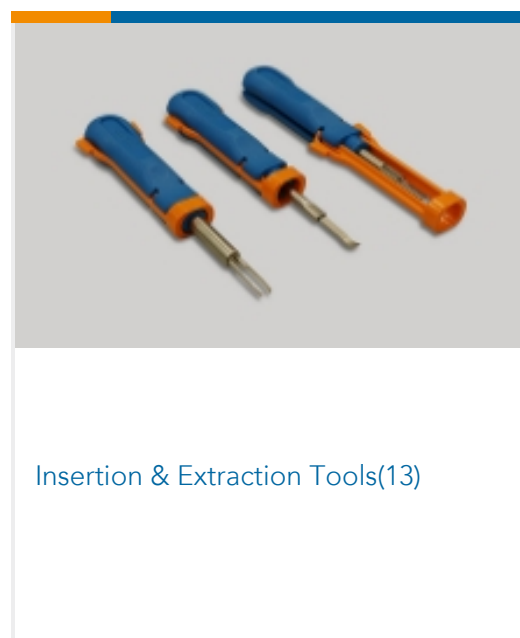
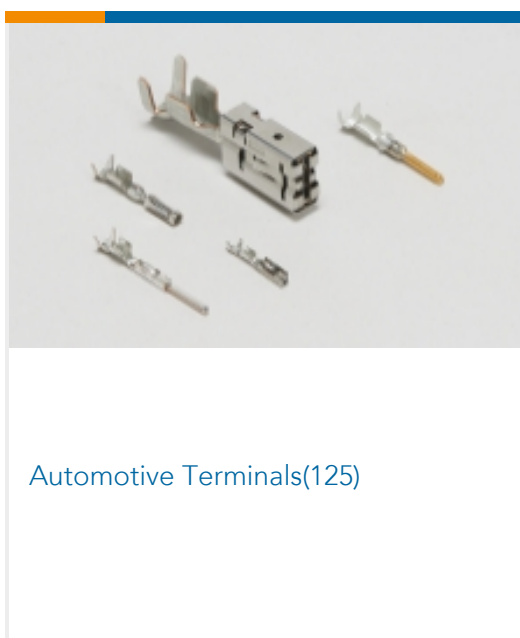
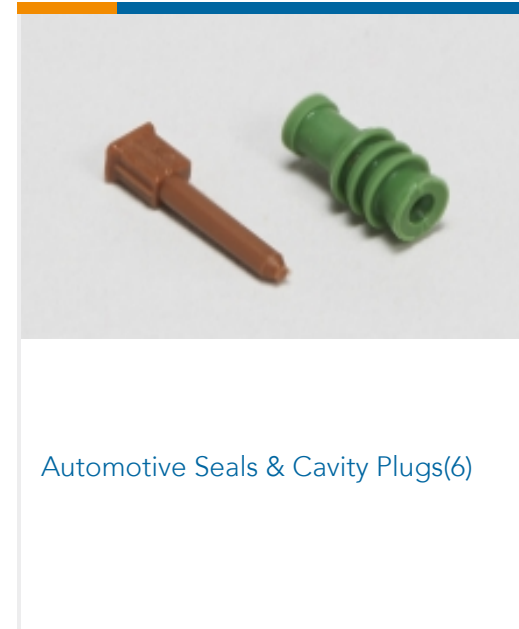
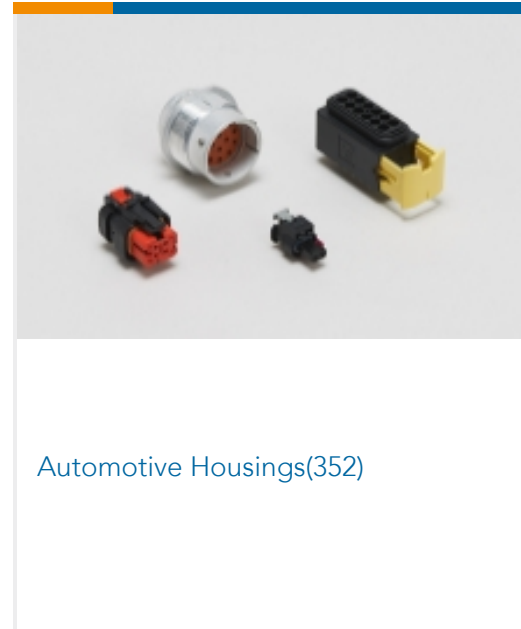
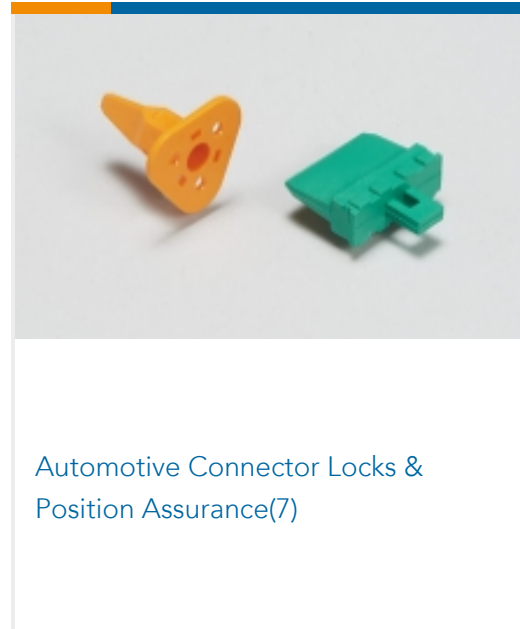
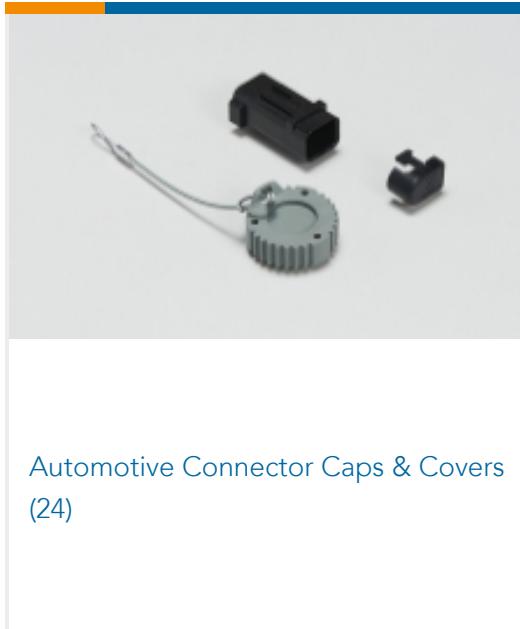
### Compatible Parts



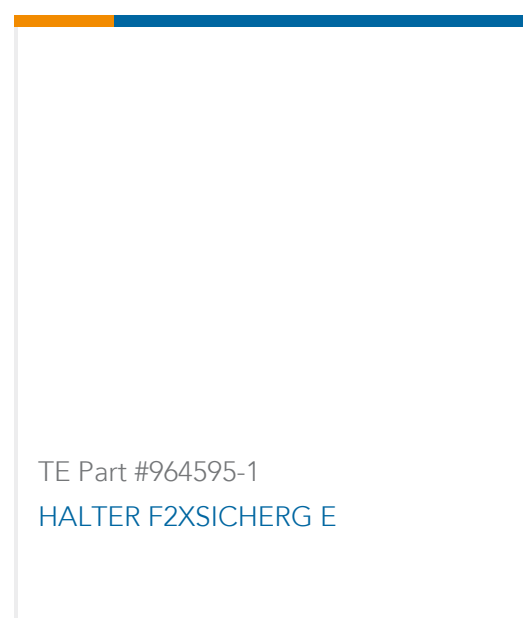
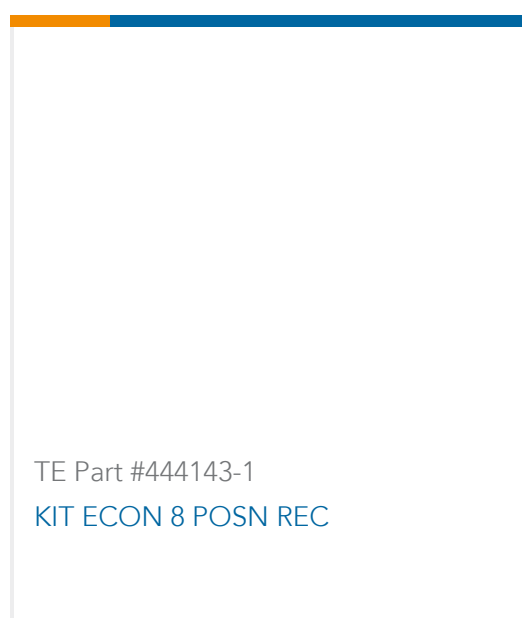
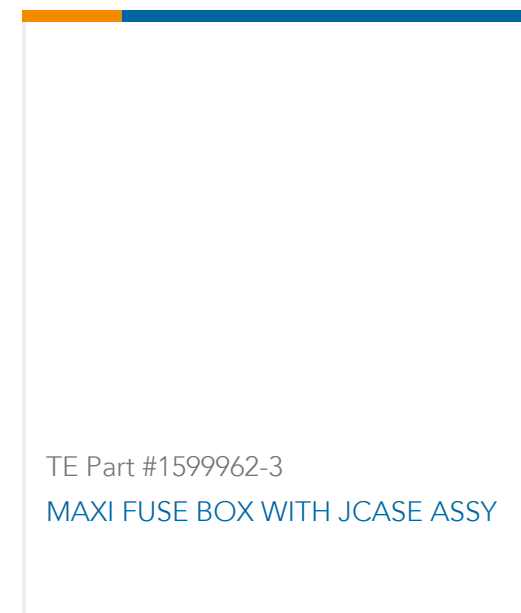
Also in the Series | **AMP MCP 1.5K**



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



Customers Also Bought



## Documents

### Product Drawings

1.5MM TAB HSG 36 POS ASSY

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1718492-1\\_D.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1718492-1\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1718492-1\\_D.3d\\_stp.zip](#)

English

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## Product Specifications



## Application Specification

German