

9-1563172-9 ✓ ACTIVE

AMP | MCON Interconnection System

TE Internal #: 9-1563172-9

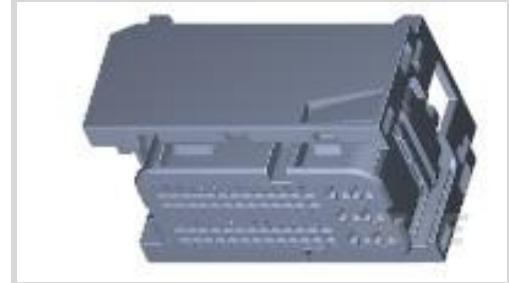
Housing for Female Terminals, Wire-to-Board / Wire-to-Wire, 58

Position, MCON Interconnection System

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Connectors > Automotive Connectors > Automotive Housings



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

Number of Positions: **58**

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

Centerline (Pitch): **2.5 mm, 3 mm, 5 mm [.098 in, .118 in, .196 in]**

Sealable: **Yes**

Features

Product Type Features

| | |
|-----------------------------------|------------------------------|
| Mixed & Hybrid Connector | Yes |
| Connector Shape | Rectangular |
| Connector System | Wire-to-Board, 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 | 58 |
| Number of Rows | 4 |

Electrical Characteristics

| | |
|------------------------------|--------|
| Operating Voltage | 14 VDC |
| Nominal Voltage Architecture | 12 V |

Body Features

| | |
|-------------------------|-----------|
| Cable Exit Angle | 180°, 90° |
| Primary Product Color | Black |
| Connector & Keying Code | Neutral |

Contact Features

| | |
|------------------------------|---------------------------------|
| Contact Size | 1.2mm, 2.8mm |
| Contact Type | Receptacle |
| Mating Tab Width | 1.2 mm, 2.8 mm[.047 in][.11 in] |
| Contact Current Rating (Max) | 13 A, 25 A |

Mechanical Attachment

| | |
|-----------------------------|----------------------------|
| Terminal Position Assurance | Yes |
| Strain Relief | With |
| Mating Alignment Type | Keyed |
| Mating Alignment | With |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

| | |
|--------------------|---|
| Housing Material | PA GF |
| Centerline (Pitch) | 2.5 mm, 3 mm, 5 mm[.098 in][.118 in][.196 in] |

Dimensions

| | |
|------------------|-------------------|
| Connector Height | 35.7 mm[1.406 in] |
| Product Width | 42 mm[1.654 in] |
| Product Length | 61.9 mm[2.437 in] |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature (Max) | 125 °C[257 °F] |
| Operating Temperature Range | -40 - 125 °C[-40 - 257 °F] |

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 156 |
| 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 | <p>Current ECHA Candidate List: JAN 2024 (240)</p> <p>Candidate List Declared Against: JAN 2024 (240)</p> <p>SVHC > Threshold:</p> <ul style="list-style-type: none"> Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) <p>Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p> |
| 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>

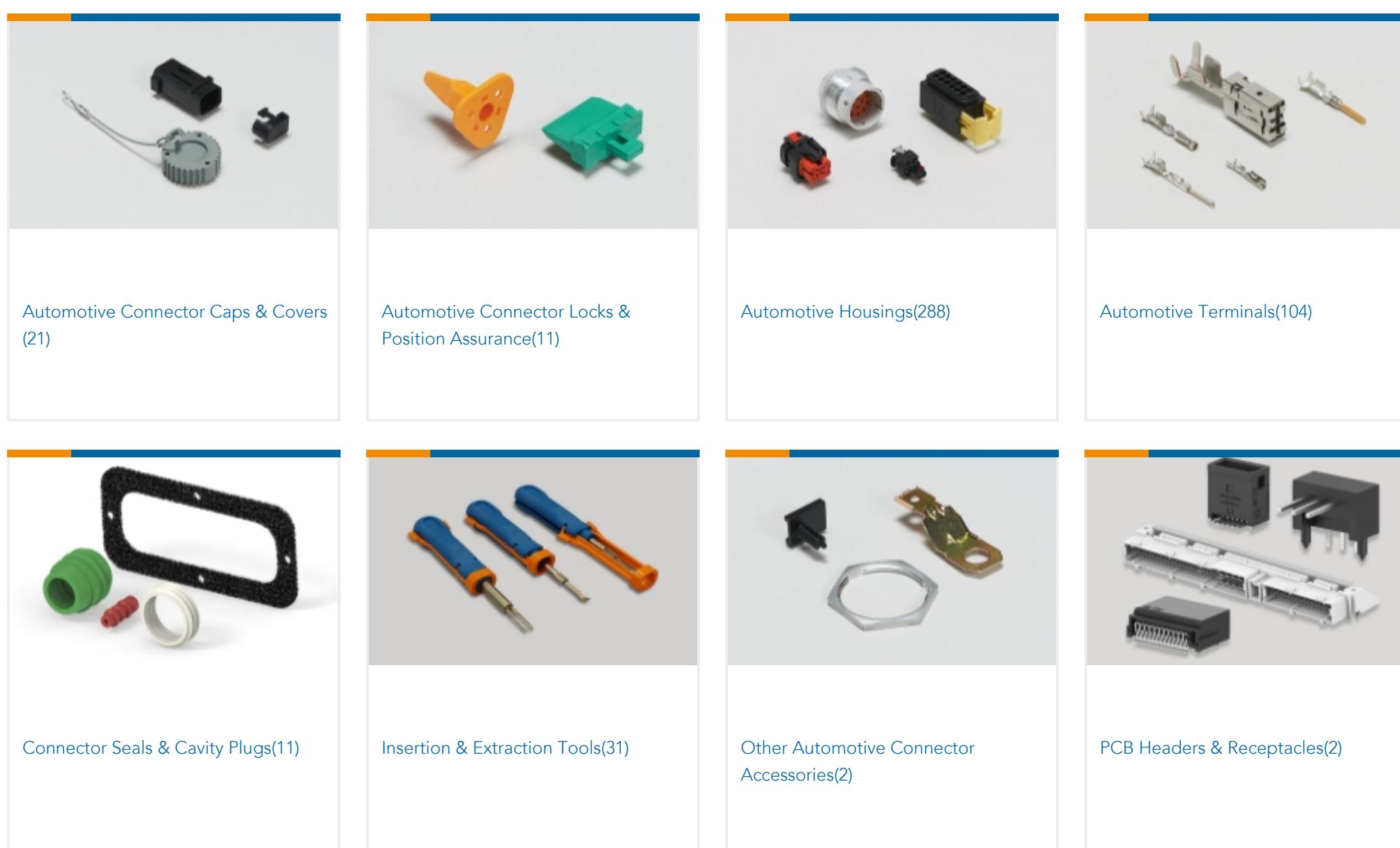
Compatible Parts





Also in the Series

MCON Interconnection System



Customers Also Bought



Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_9-1563172-9_D.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_9-1563172-9_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_9-1563172-9_D.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

MCON Interconnection System

English

Product Specifications

[Application Specification](#)

English