



AMP | MCON Interconnection System

TE Internal #: 1-1718806-1

MCON Interconnection System, Housing for Female Terminals, Wire-to-Board / Wire-to-Device / Wire-to-Wire, 5 Position, 4mm [.157in] Centerline

[View on TE.com >](#)

Connectors > Automotive Connectors > Connector Housings > MCON, CONNECTOR HOUSING



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

Mating Tab Width: **1.2 mm [.047 in]**

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

Number of Positions: **5**

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

[All MCON, CONNECTOR HOUSING \(283\)](#)

## Features

### Product Type Features

Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Sealable	Yes
Hybrid Connector	Yes
Primary Locking Feature	On the Terminal

### Configuration Features

Number of Positions	5
Number of Rows	1

### Body Features

Cable Exit Angle	180°
Body Material	PA
Primary Product Color	Black

### Contact Features

Mating Tab Width	1.2 mm[.047 in]
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### Mechanical Attachment

Mounting Feature	Without
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Terminal Position Assurance	Yes
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Mating Alignment Type	Polarized
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### Housing Features

Centerline (Pitch)	4 mm [.157 in]
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### Dimensions

Product Width	26.5 mm [1.043 in]
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Product Length	28.7 mm [1.13 in]
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Product Height	16.5 mm [.65 in]
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### Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F]
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Operating Temperature Range	-40 – 130 °C [-40 – 266 °F]
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### Operation/Application

Circuit Application	Signal
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### Industry Standards

Degree of Protection	IP6K9K
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### Other

Serviceable	Yes
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Connector Position Assurance Capable	Yes
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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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>

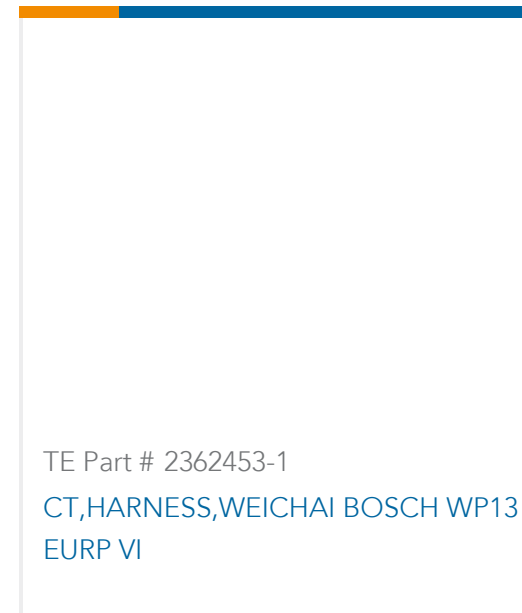
### Compatible Parts



TE Part # CAT-M4595-CH8172  
MCON, CONNECTOR HOUSING

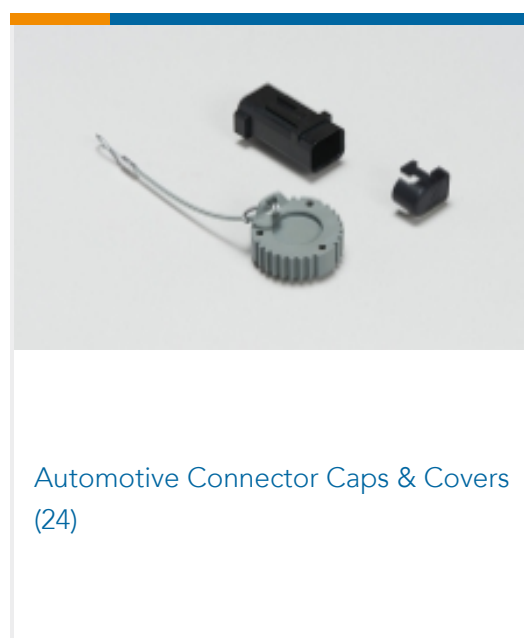


TE Part # CAT-M4595-T273  
MCON, RECEPTACLE AND TAB



TE Part # 2362453-1  
CT, HARNESS, WEICHAI BOSCH WP13  
EURP VI

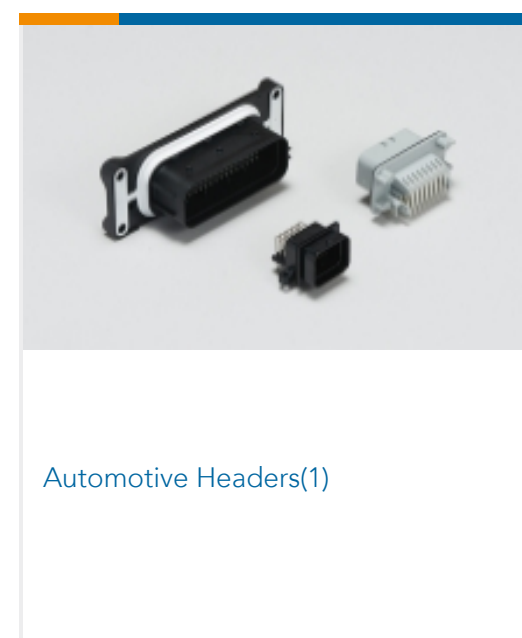
### Also in the Series | MCON Interconnection System



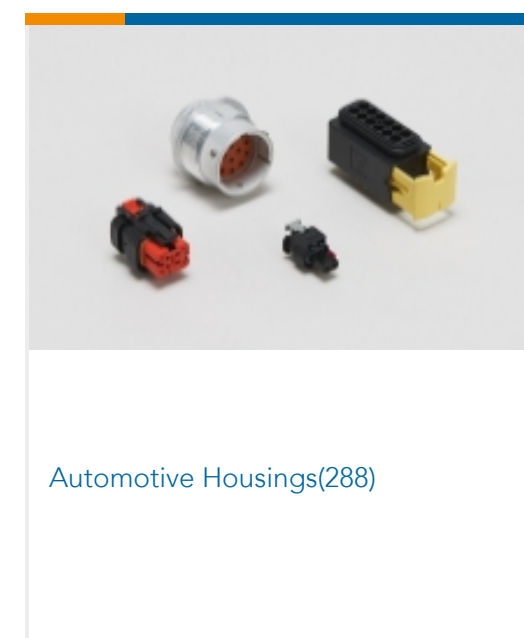
Automotive Connector Caps & Covers  
(24)



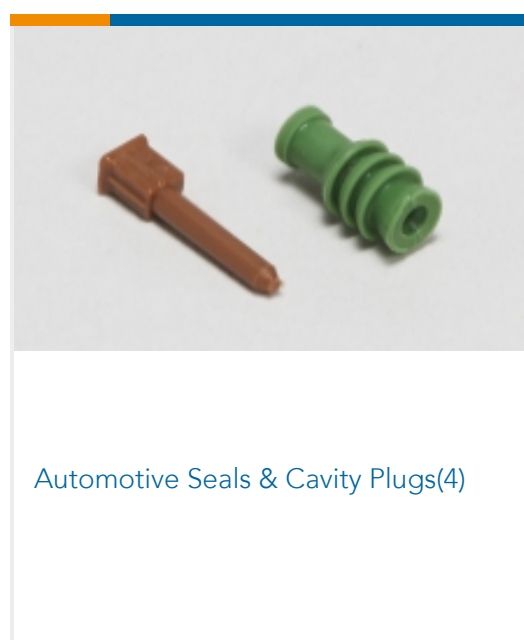
Automotive Connector Locks & Position Assurance  
(11)



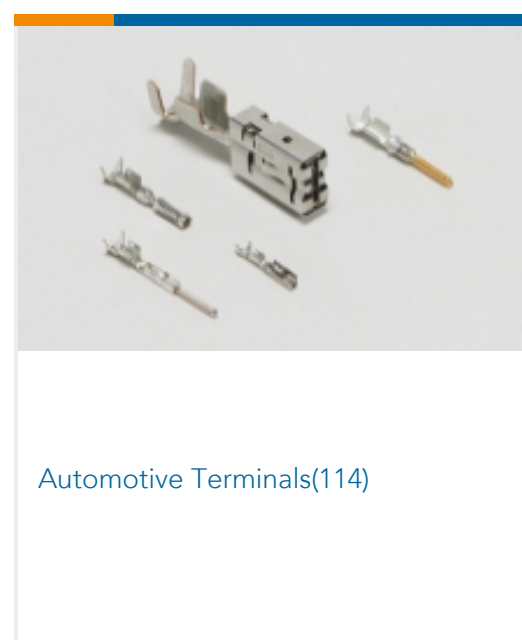
Automotive Headers(1)



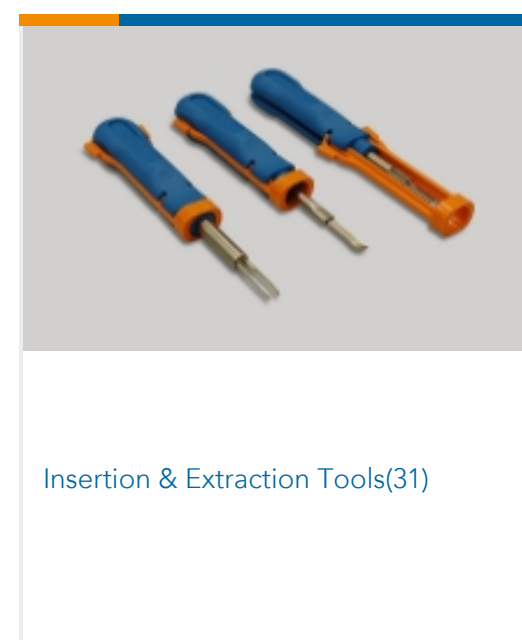
Automotive Housings(288)



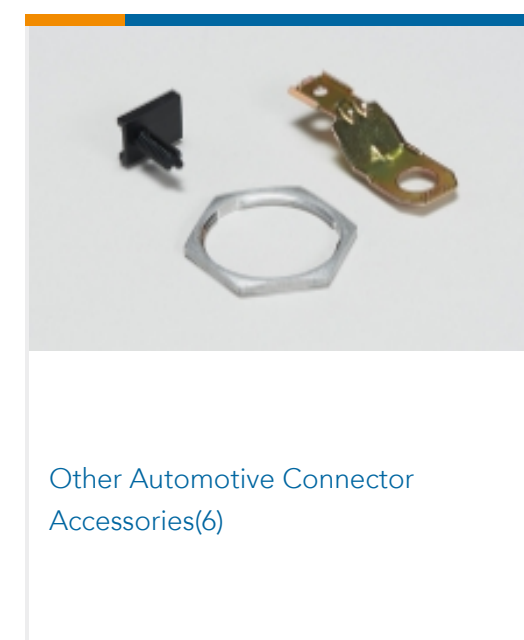
Automotive Seals & Cavity Plugs(4)



Automotive Terminals(114)



Insertion & Extraction Tools(31)



Other Automotive Connector Accessories(6)

### Customers Also Bought



TE Part #1394512-1  
EINZELLEITDICHTG,BL



TE Part #1-2141520-1  
MCON, CONNECTOR HOUSING



TE Part #1393366-2  
GET .64 CONNECTOR SYSTEM,  
RECEPT AND TAB



TE Part #1-1414552-0  
V23136A1001X057-EV-CBOX



TE Part #936111-1  
2.8mm Sealed 2P Cover



TE Part #1-1355134-1  
RETAINER 94P



TE Part #1394872-1  
SEALING PLUG 1,5MM



TE Part #1-1813099-2  
CIRCULAR DIN HOUSINGS

## Documents

### Product Drawings

5POS, MCON 1.2 LL REC SEALED

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1718806-1\\_E.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1718806-1\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1718806-1\\_E.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

### Product Environmental Compliance

Product Compliance



English

**Product Compliance**

English