

1452421-1 ✓ ACTIVE

AMP | MCON 1.2mm, MCON Interconnection System

TE Internal #: 1452421-1

Automotive Connector Caps & Covers, Cover Assembly, Black, PBT GF, 58 Position, -40 – 284 °F [-40 – 140 °C], MCON Interconnection System

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Connector Accessories > Automotive Connector Caps & Covers



Protection & Strain Relief Accessory Type: **Cover Assembly**

Strain Relief: **With**

Primary Product Color: **Black**

Primary Product Material: **PBT GF**

Number of Positions: **58**

## Features

### Product Type Features

Protection & Strain Relief Accessory Type	Cover Assembly
---	----------------

### Configuration Features

Number of Positions	58
---------------------	----

### Body Features

Primary Product Color	Black
-----------------------	-------

Primary Product Material	PBT GF
--------------------------	--------

### Mechanical Attachment

Strain Relief	With
---------------	------

### 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, 140 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F]
-----------------------------	--

Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]
-----------------------------	----------------------------



### Packaging Features

Packaging Quantity	300
Packaging Method	Box

### 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 2024 (241) Candidate List Declared Against: JAN 2024 (240) 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



TE Part # 1452408-2  
SECONDARY LOCK FOR 58 POS  
CONN



TE Part # 9-1452415-9  
58POS CONNECTOR ASSY F.  
CONNECTOR154POS



TE Part # 9-1563172-9  
58POS, MIXED, REC HSG, ASSY



TE Part # 1452409-2  
SECONDARY LOCK FOR 58 POS  
CONN




TE Part # 1-2294806-1  
58POS,MCON 1.2 CB,REC HSG,ASSY



TE Part # 2289748-8  
58POS, MIXED,REC HSG,ASSY




TE Part # 4-1564285-1  
58POS, MIXED,REC HSG,ASSY



TE Part # 7-1564285-4  
58POS, MIXED,REC HSG,ASSY



TE Part # 9-1452415-7  
58 POS MIXED, MCON CONNECTOR



TE Part # 1452422-1  
COVER 58POS



TE Part # 2-1564285-8  
58POS, MIXED,REC HSG,ASSY



TE Part # 9-1452400-9  
CONNECTOR ASSY 154 POS.



TE Part # 1-1452415-5  
58 POS FEMALE ASSY CONNECTOR



TE Part # 1-1563172-4  
58POS, MIXED,REC HSG,ASSY



TE Part # 1-1564285-4  
58POS, MIXED,REC HSG,ASSY



TE Part # 1-1564285-5  
58POS, MIXED,REC HSG,ASSY



TE Part # 1-1564285-7  
58POS, MIXED,REC HSG,ASSY



TE Part # 1564285-7  
58POS, MIXED,REC HSG,ASSY



TE Part # 2-1564285-3  
58POS, MIXED,REC HSG,ASSY




TE Part # 2-1564285-7  
58POS, MIXED,REC HSG,ASSY


Also in the Series | **MCON 1.2mm**



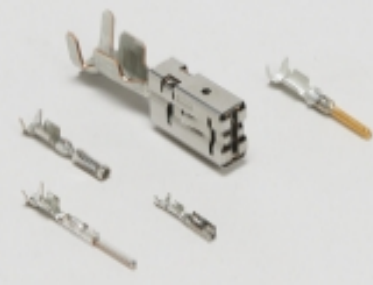
Automotive Connector Caps & Covers (18)



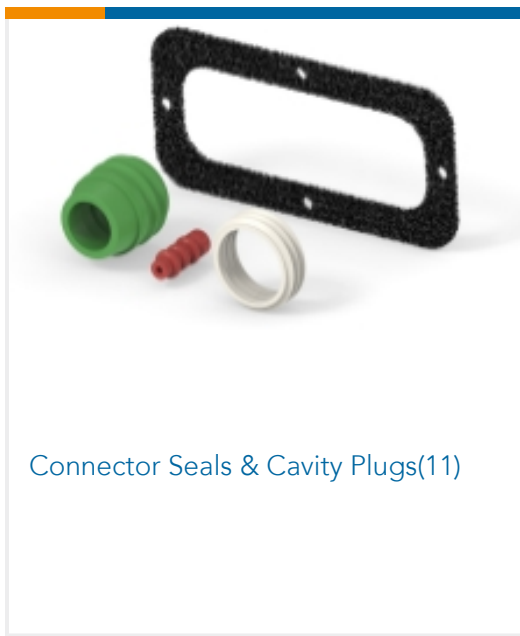
Automotive Connector Locks & Position Assurance(10)



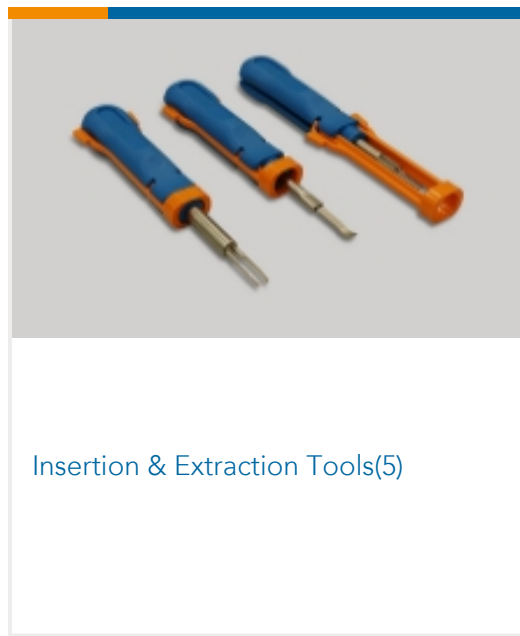
Automotive Housings(328)



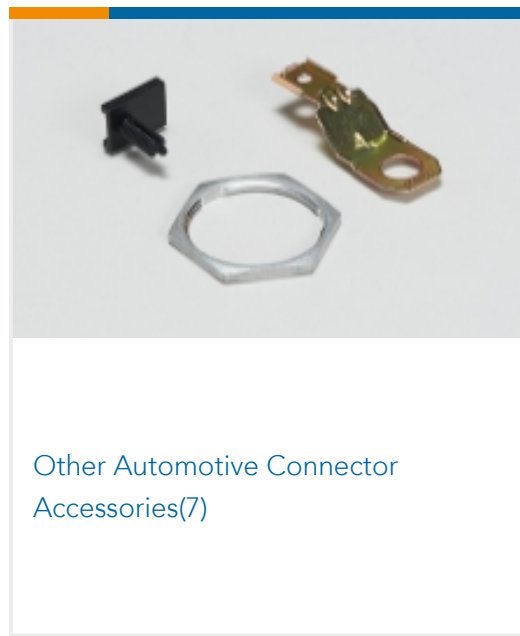
Automotive Terminals(96)



Connector Seals & Cavity Plugs(11)



Insertion & Extraction Tools(5)



Other Automotive Connector Accessories(7)

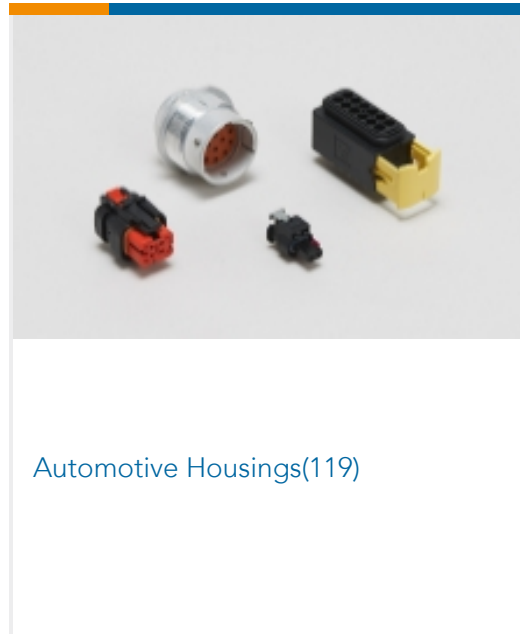
## Also in the Series | MCON Interconnection System



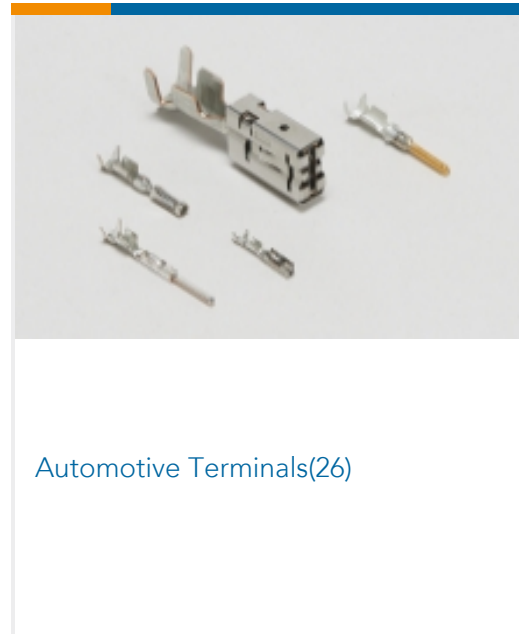
Automotive Connector Caps & Covers (37)



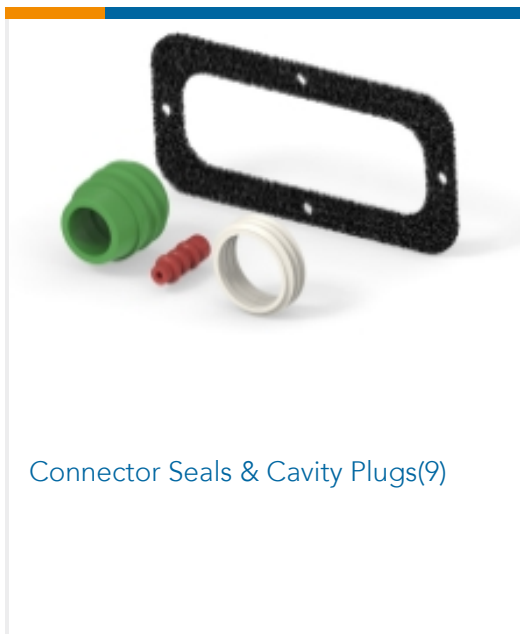
Automotive Connector Locks & Position Assurance(15)



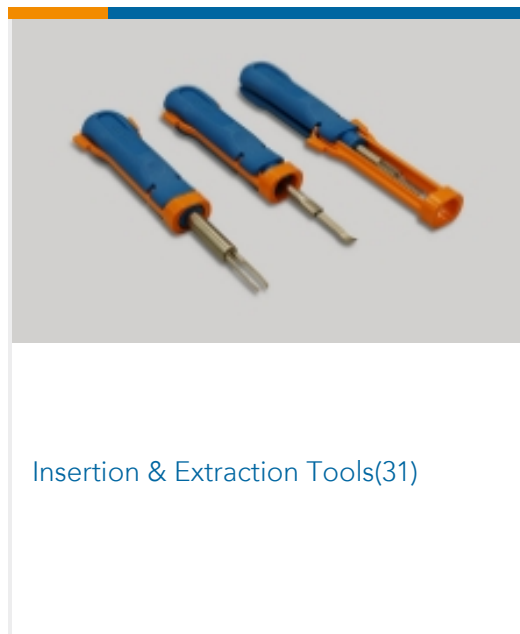
Automotive Housings(119)



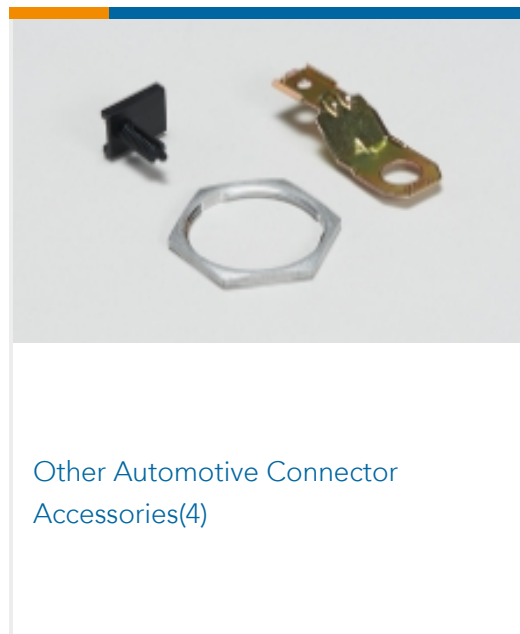
Automotive Terminals(26)



Connector Seals & Cavity Plugs(9)



Insertion & Extraction Tools(31)



Other Automotive Connector Accessories(4)



PCB Headers & Receptacles(4)

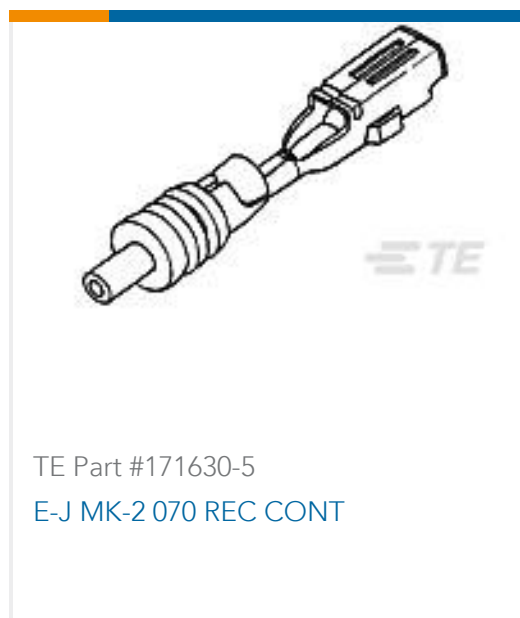
## Customers Also Bought



TE Part #1452388-1  
2 LOCKING DEV1.2



TE Part #1318756-2  
TH/.025 CONNECTOR SYSTEM,  
HOUSING



TE Part #171630-5  
E-J MK-2.070 REC CONT



TE Part #9-1563173-9  
96POS,MCON-1.2 CB,REC HSG,ASSY



TE Part #9-1452423-9  
96 POS. CONNECTOR ASSY



TE Part #1746816-1  
0.64/2.3II SEALED CONNECTOR  
126POS WIRE



TE Part #1452408-1  
2-NDRY F58 POS. CONNECTOR



## Documents

### Product Drawings

[58 POS. CONNECTOR COVER 90 ASSY](#)

English

---

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1452421-1\\_E.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1452421-1\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1452421-1\\_E.3d\\_stp.zip](#)

English

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

---

### Product Specifications

[Application Specification](#)

English