

1924292-5 ✓ ACTIVE

## MCON Interconnection System

TE Internal #: 1924292-5

Housing for Female Terminals, Wire-to-Board / Wire-to-Wire / Wire-to-Device, 6 Position, .157 in [4 mm] Centerline, MCON Interconnection System

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings



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

Number of Positions: **6**

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

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

Sealable: **Yes**

### Features

#### Product Type Features

|                          |   |
|--------------------------|---|
| Mixed & Hybrid Connector | No  |
| Connector Shape          | Rectangular                                 |
| Connector System         | Wire-to-Board, Wire-to-Device, Wire-to-Wire |
| Connector & Housing Type | Housing for Female Terminals                |
| Sealable                 | Yes   |
| Primary Locking Feature  | Integrated in Housing                       |

#### Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 6 |
| Number of Rows      | 1 |

#### Body Features

|                         |       |
|-------------------------|-------|
| Primary Product Color   | Black |
| Connector & Keying Code | A     |

#### Contact Features

|                  |                 |
|------------------|-----------------|
| Contact Size     | 1.2mm           |
| Contact Type     | Receptacle      |
| Mating Tab Width | 1.2 mm[.047 in] |

#### Mechanical Attachment



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

### Housing Features

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

### Dimensions

|                  |                    |
|------------------|--------------------|
| Connector Height | 17.5 mm [.689 in]  |
| Product Width    | 26.5 mm [1.043 in] |
| Product Length   | 32.7 mm [1.287 in] |

### 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 [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F] |
| Operating Temperature Range | -40 – 125 °C [-40 – 257 °F]  |

### Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

### Industry Standards

|                      |      |
|----------------------|------|
| Degree of Protection | IP67 |
|----------------------|------|

### Other

|                                      |     |
|--------------------------------------|-----|
| Serviceable                          | Yes |
| Connector Position Assurance Capable | Yes |

### 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 2023 (235) |



Candidate List Declared Against: JUNE 2023 (235)

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

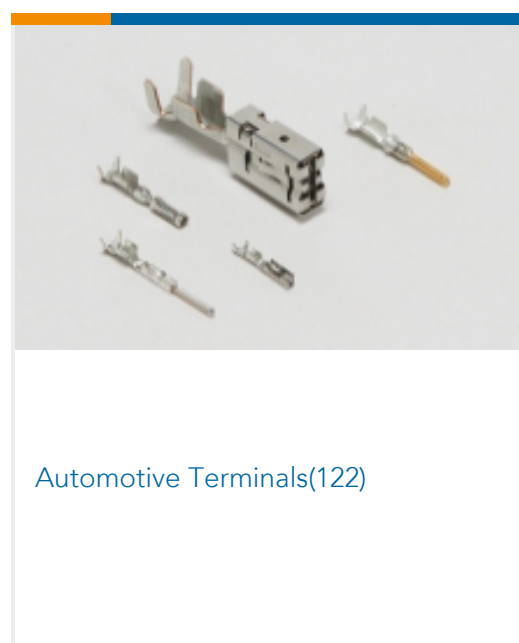
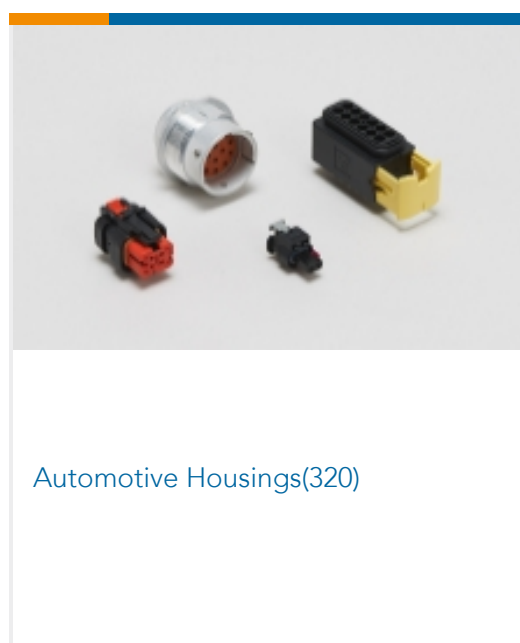
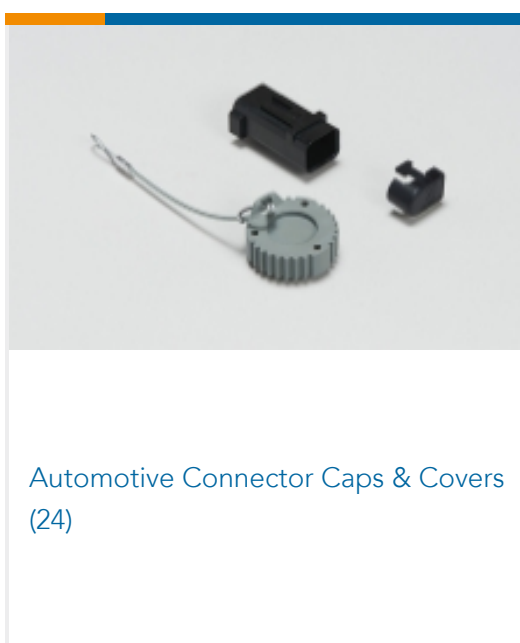
Product Compliance Disclaimer

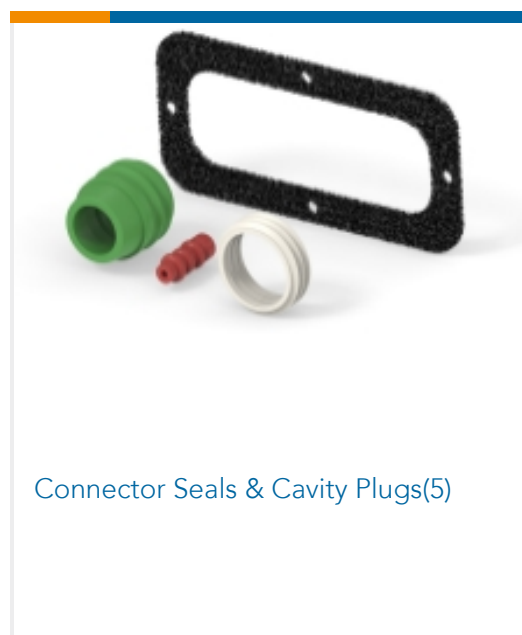
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

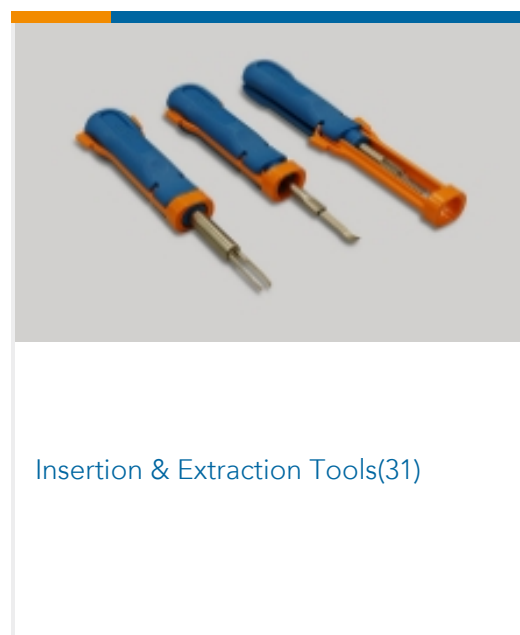


### Also in the Series | MCON Interconnection System

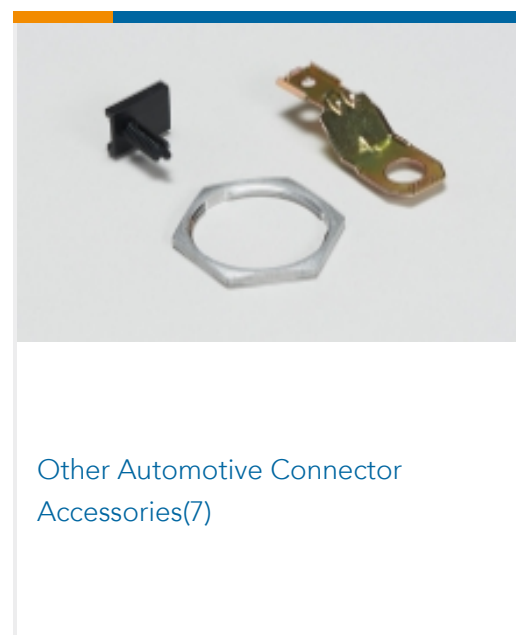




Connector Seals &amp; Cavity Plugs(5)



Insertion &amp; Extraction Tools(31)

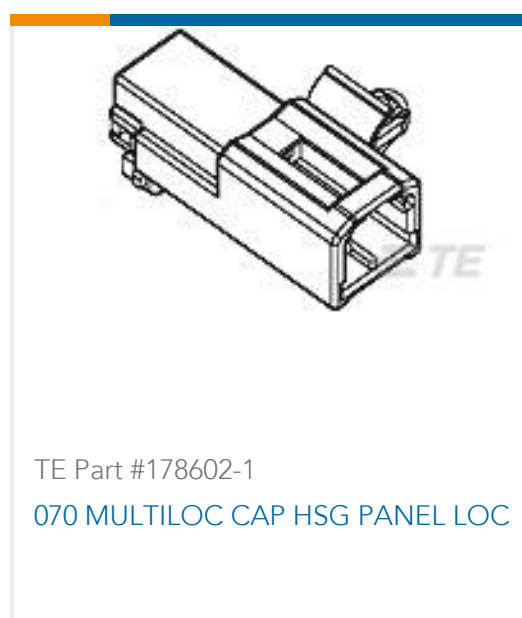


Other Automotive Connector Accessories(7)



PCB Headers &amp; Receptacles(2)

## Customers Also Bought

TE Part #1-1456426-1  
4POS, MCON 1.2 CB REC 2p TL SEALEDTE Part #2176443-1  
HCF110 100W 6R8 5% LEADTE Part #964265-2  
TAB A 1.6x0.6 CONTACT CF SRC SnTE Part #1438299-2  
GET .64 CONNECTOR SYSTEM, RECEPT AND TABTE Part #178602-1  
070 MULTILOC CAP HSG PANEL LOCTE Part #2394071-1  
HEADER 90D,ASSY.2POS,FRONT SIDE,CODE ABTE Part #2394114-1  
Plug TPA Code ATE Part #2394114-2  
Plug TPA Code B

## Documents

### Product Drawings

[6POS, MCON 1.2 CB REC 2p TL SEALED](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1924292-5\\_C.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1924292-5\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1924292-5\\_C.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

---

**Instruction Sheets**

**Instruction Sheet (U.S.)**

English

**Instruction Sheet (U.S.)**

English