

2304514-2 ✓ ACTIVE

MCON Interconnection System

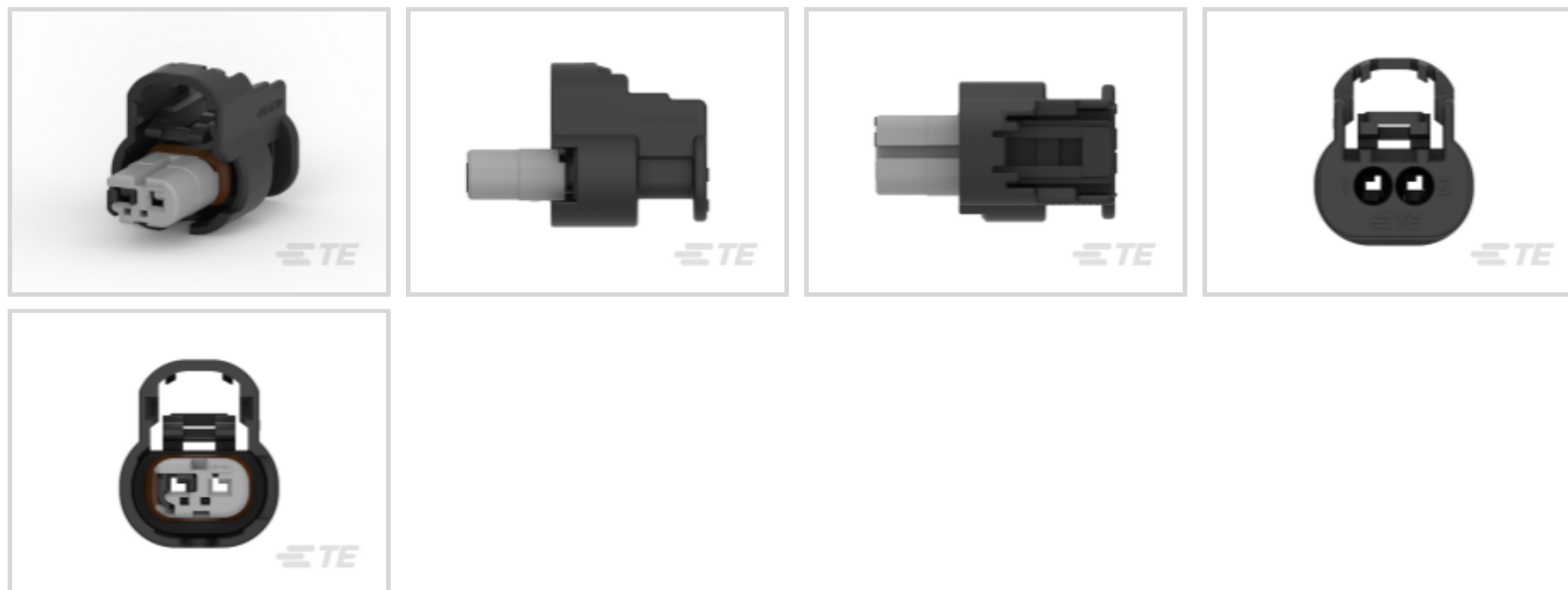
TE Internal #: 2304514-2

Housing for Female Terminals, 2 Position, .157 in [4 mm] Centerline, Sealable, Gray, Signal, Cable Mount (Free-Hanging), MCON Interconnection System

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings



Number of Positions: 2

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

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

Sealable: **Yes**

Mating Tab Width: 1.2 mm [ .047 in ]

### Features

#### Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	Integrated in Housing

#### Configuration Features

Number of Positions	2
Number of Rows	1

#### Electrical Characteristics

Nominal Voltage Architecture	12 V
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#### Body Features

Primary Product Color	Gray
Connector & Keying Code	B



### Contact Features

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

### Mechanical Attachment

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

### Housing Features

Housing Material	PBT GF
Centerline (Pitch)	4 mm[.157 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, 130 °C, 140 °C, 145 °C, 150 °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][293 °F][302 °F]
Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]

### Operation/Application

Circuit Application	Signal
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### Other

Connector Position Assurance Capable	No
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### 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) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part)



Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part)

Decamethylcyclopentasiloxane (D5) (.5% in Component Part)

**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.

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 reviewed for solder process capability
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**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 # 2272168-1  
MCON WIRE DRESS, 2P PLUG, STRAIGHT



TE Part # CAT-M4595-T273  
MCON Receptacle and Tab



TE Part # 2272169-1  
MCON WIRE DRESS, 2P PLUG, RIGHT ANGLE



TE Part # 2138898-1  
Wire Seal, VAMAC, Lubricated

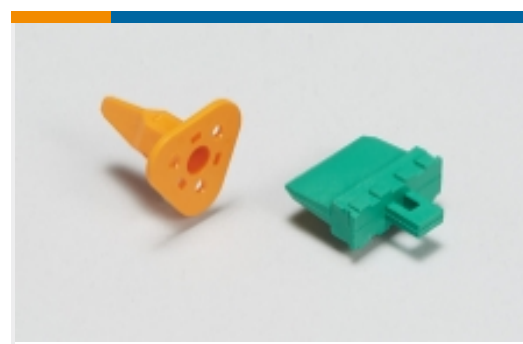


TE Part # 2203770-2  
2POS, MCON 1.2 CB TAB 1p TL SEALED

Also in the Series | **MCON Interconnection System**



Automotive Connector Caps & Covers (21)



Automotive Connector Locks & Position Assurance(11)



Automotive Housings(288)



Automotive Terminals(104)



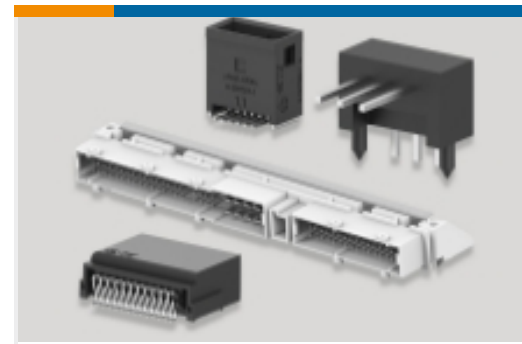
Connector Seals & Cavity Plugs(11)



Insertion & Extraction Tools(31)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(2)

## Customers Also Bought



TE Part #788189-2  
CPC 17-3 RCPT ASY,REV SEX



TE Part #2-330648-1  
PIDG 22-16 22-18 MIL R 4; TAPE



TE Part #2177090-3  
STEEL,OUTER FERRULE,8MM HV, 25SQMM



TE Part #1-1633961-2  
CRIMPER, INSULATION F PREMIUM



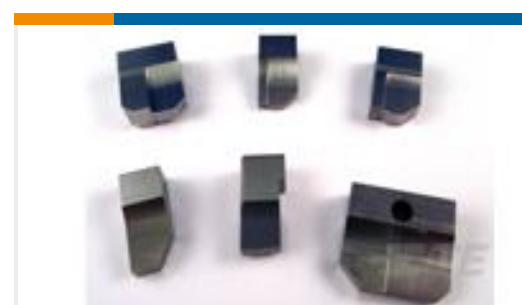
TE Part #1587940-3  
CABLE SEAL RETAINER, SIZE C



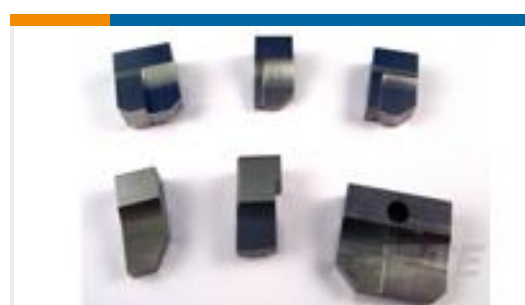
TE Part #2103013-3  
CABLE SEAL RETAINER, SIZE 2, OR, HVA280



TE Part #2208669-3  
8MM HV, CONTACT,ASSY



TE Part #4-1633932-0  
ANVIL, COMBINATION



TE Part #464291-5  
ANVIL, SAND-BLASTED 12-10



TE Part #YHV280-2PM-P-4MM-B  
HVA280-2pnm,pass,4sqmm,Key B

## Documents



**Product Drawings**

[2POS,MCON 1.2,REC HSG ASSY,SLD,COD B](#)

English

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**CAD Files**

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2304514-2\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2304514-2\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2304514-2\\_A.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

[MCON Interconnection System](#)

English

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**Product Specifications**

[Application Specification](#)

English