

1-1703498-3 ✓ ACTIVE

MCON | MCON 1.2mm

TE Internal #: 1-1703498-3

Housing for Male Terminals, Wire-to-Wire, 2 Position, 4 mm [.157 in] Centerline, Sealable, Black, Wire & Cable, Power, MCON 1.2mm

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Connectors > Automotive Connectors > Automotive Housings > MCON 1.2, 1-row, 2-8 POS TAB Housing, Sealed



Connector System: **Wire-to-Wire**

Number of Positions: **2**

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

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

Sealable: **Yes**

[All MCON 1.2, 1-row, 2-8 POS TAB Housing, Sealed \(20\)](#)

## Features

### Product Type Features

Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Male Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	On the Terminal
Mixed & Hybrid Connector	No
Connector Shape	Rectangular

### Configuration Features

Number of Positions	2
Number of Rows	1

### Housing Features

Centerline (Pitch)	4 mm [.157 in]
Housing Material	PBT GF

### Body Features

Primary Product Color	Black
Connector & Keying Code	A
Cable Exit Angle	180°



### Contact Features

Contact Current Rating (Max)	25 A
Contact Size	1.2mm
Contact Type	Tab

### Operation/Application

Circuit Application	Power
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### Mechanical Attachment

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

### Usage Conditions

Operating Temperature (Max)	130 °C[266 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

### Electrical Characteristics

Nominal Voltage Architecture	12 V
Operating Voltage	14 VDC

### Other

Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Serviceable	Yes

### Dimensions

Product Width	44 mm[1.732 in]
Product Length	14.8 mm[.583 in]
Connector Height	17.1 mm[.673 in]

### Packaging Features

Packaging Quantity	1500
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: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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-NC1-NMA12  
NextGen & NextGen Plus MCON 1.2 Locking Lance Single Wire Seals and Cavity Plugs



TE Part # 1-1718643-1  
2POS, MCON 1.2 LL REC SEALED



TE Part # 1-1670916-1  
2POS, MCON 1.2 LL REC SEALED



TE Part # CAT-N13-MSLRTT12  
MCON 1.2 Locking Lance Receptacle and Tab Terminals



TE Part # 1-2378602-1  
2POS, NEXTGEN, MCON 1.2 LL REC, SLD, COD A



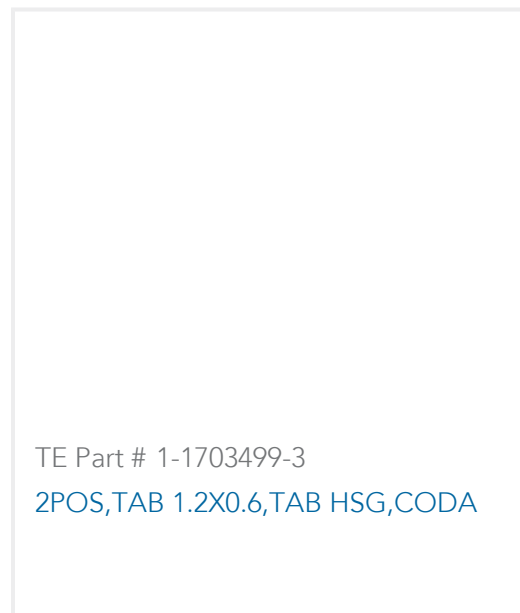
TE Part # 1-2441392-1  
2POS, NEXTGEN, MCON 1.2 LL REC, SLD, COD A



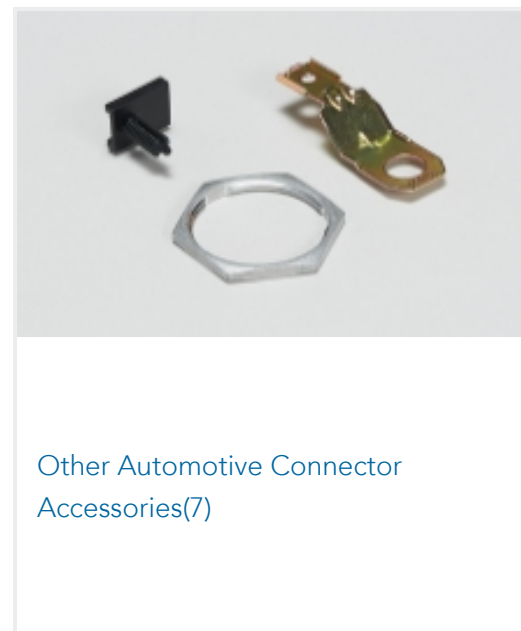
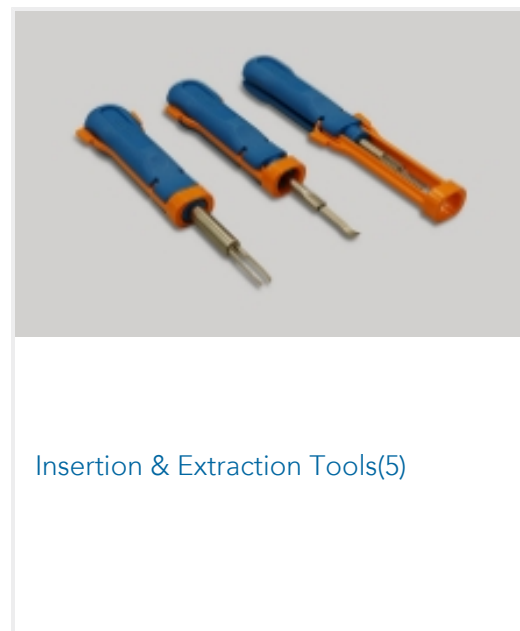
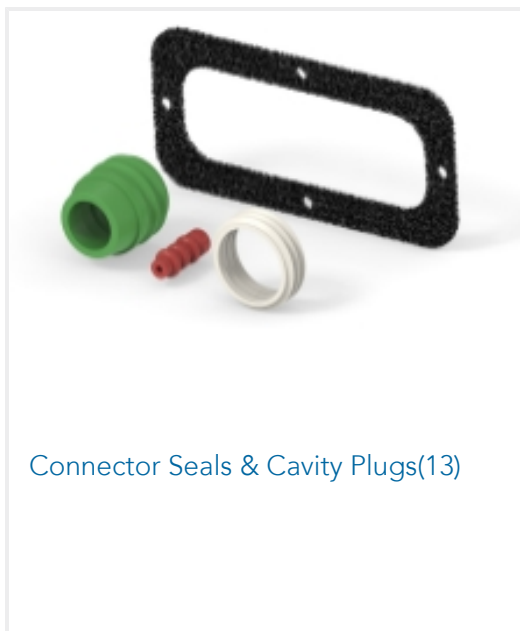
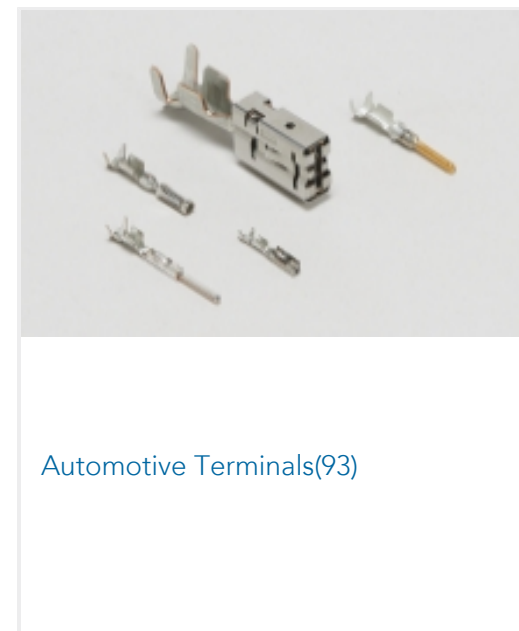
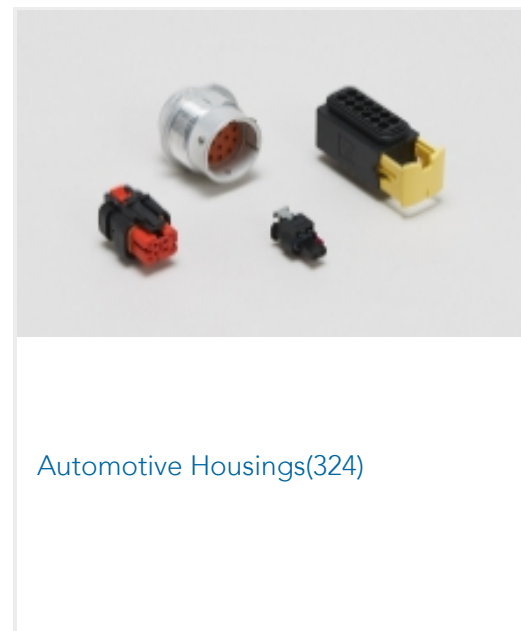
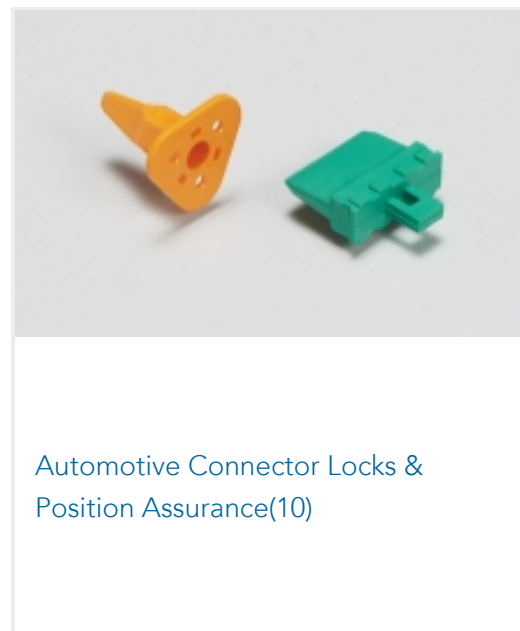
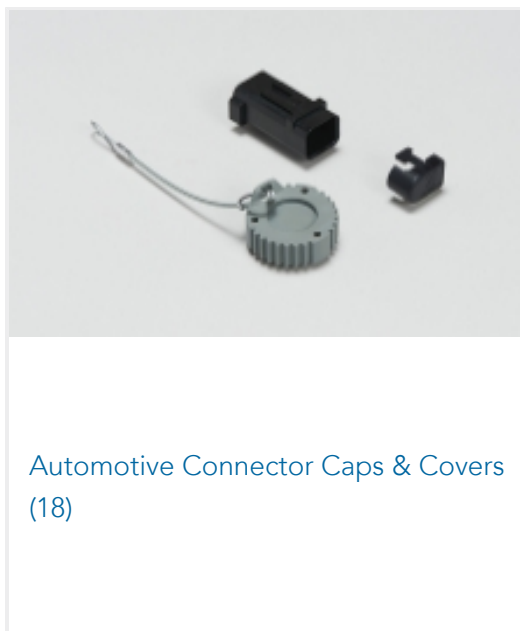
TE Part # 3-1579028-8  
EXTRACTION TOOL



TE Part # 1-1579028-5  
INSERTION TOOL

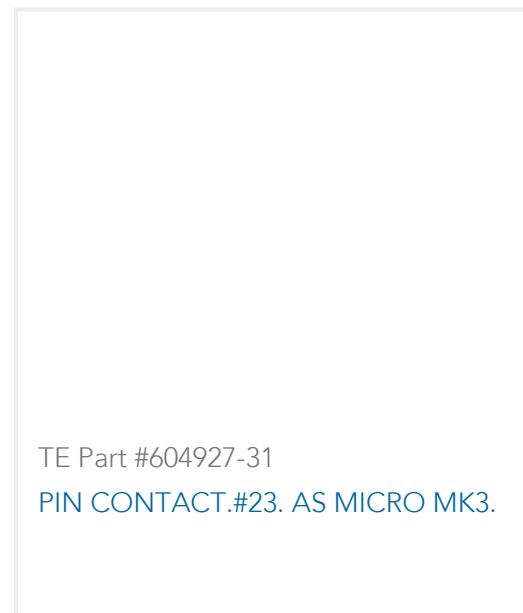
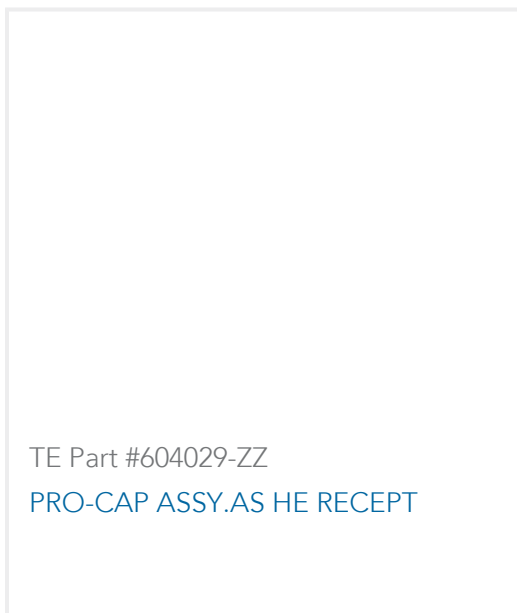


Also in the Series | **MCON 1.2mm**



Customers Also Bought





## Documents

### Product Drawings

[2POS, MCON 1.2 LL TAB SEALED COD A](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1703498-3\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1703498-3\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1703498-3\\_C.3d\\_stp.zip](#)

English

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### Product Specifications

[Application Specification](#)

English