

1488991-2

✓ ACTIVE

MCON | MCON 1.2mm

TE Internal #: 1488991-2

3 Position Housing, Housing for Female Terminals, Wire-to-Board / Wire-to-Device / Wire-to-Wire, 4 mm [.157 in] Centerline, Sealable, MCON 1.2mm

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Connectors > Automotive Connectors > Automotive Housings



Number of Positions: **3**

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**

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

## Features

### Industry Standards

IP Rating	IP67
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### Dimensions

Product Width	26.5 mm[1.043 in]
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Product Length	19 mm[.748 in]
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Connector Height	15.6 mm[.614 in]
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### Packaging Features

Packaging Method	Package
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Packaging Quantity	1
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### Mechanical Attachment

Strain Relief	Add By Accessory
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Terminal Position Assurance	Yes
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Mating Alignment Type	Keyed
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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### Other

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

#### Housing Features

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

#### Contact Features

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

#### Product Type Features

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

#### Configuration Features

Number of Positions	3
Number of Rows	1

#### Body Features

Primary Product Color	Black
Connector & Keying Code	B

#### Usage Conditions

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

#### Operation/Application

Circuit Application	Signal
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#### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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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	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

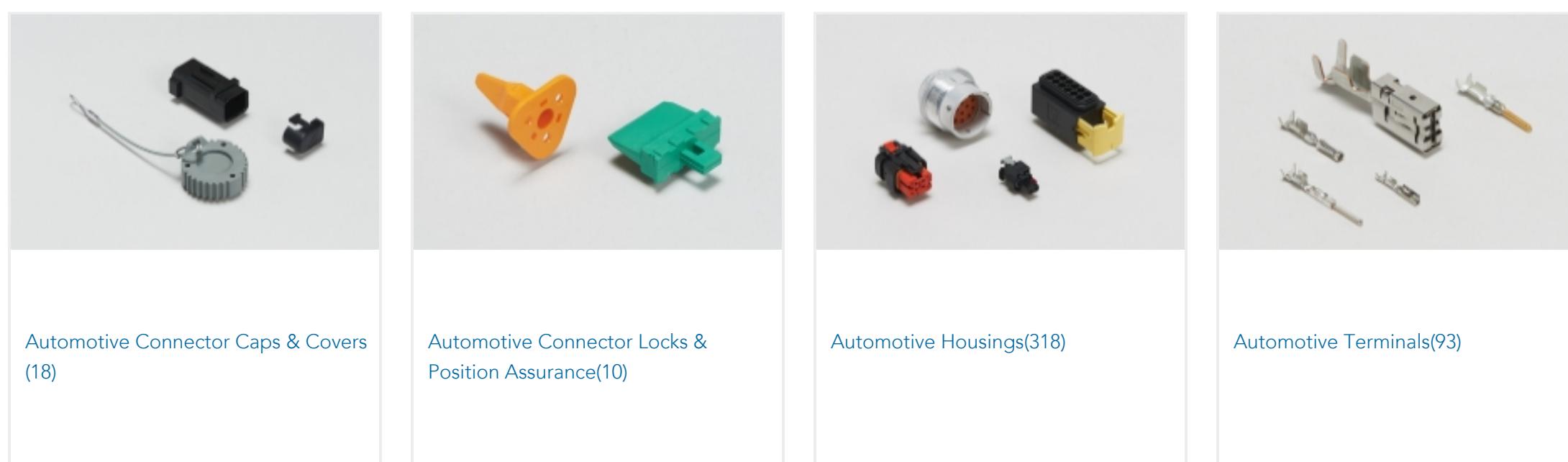
## Product Compliance Disclaimer

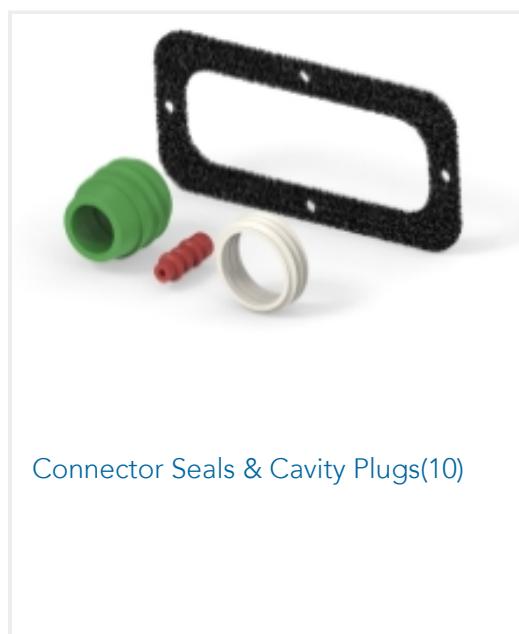
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

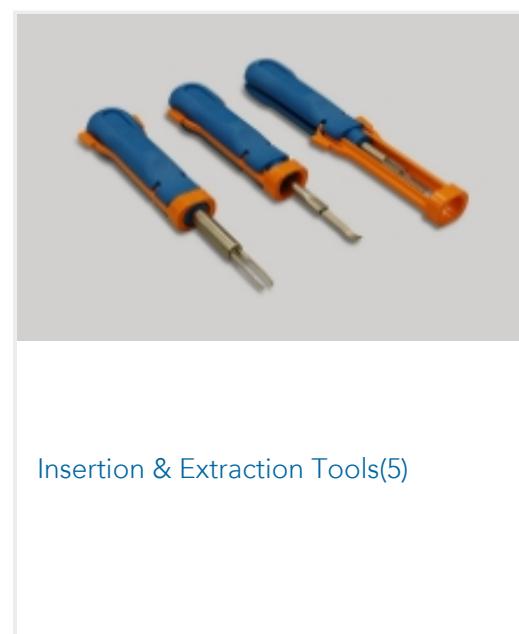


## Also in the Series | MCON 1.2mm

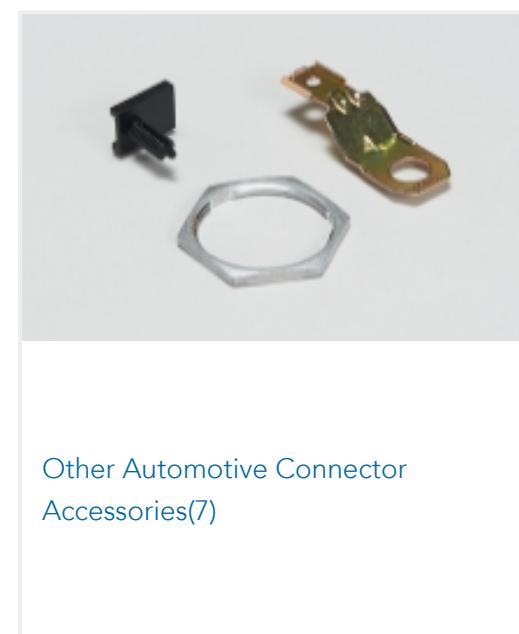




Connector Seals &amp; Cavity Plugs(10)

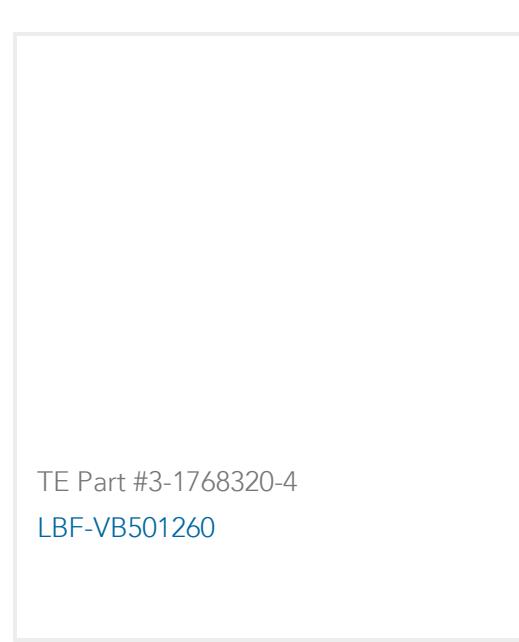


Insertion &amp; Extraction Tools(5)



Other Automotive Connector Accessories(7)

## Customers Also Bought

TE Part #2138314-1  
36P SEALED HYBRID (32X 1.2, 4X)TE Part #1-1438153-3  
1X6 SEALED ASSY W/ CPA 6 CLSDTE Part #1418850-3  
MCON 1.2 CB REC SWS AGTE Part #282956-1  
SPLASH PROOF FEM CONN ASSYTE Part #184311-1  
ASSY, PLUG HSG 3 POS, KEY ATE Part #1011-259-0305-V2  
DT BACKSHELL 180 3way plug strain rel.TE Part #AS110-03PN  
RECEPT.IN-LINE. MNT.TYPE 1TE Part #AS608-35SA  
PLUG BOOT TERMIN'N TYPE 6TE Part #1011-048-0805  
SEAL RET, 8P, GRY, DTM, ATE Part #3-1768320-4  
LBF-VB501260

## Documents

### Product Drawings

[3POS, MCON 1.2 CB REC 2p TL SEALED](#)

English

[3POS, MCON 1.2 CB REC 2p TL SEALED](#)

English

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1488991-2\\_D.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

**Customer View Model**[ENG\\_CVM\\_CVM\\_1488991-2\\_D.3d\\_igs.zip](#)

English

**Customer View Model**[ENG\\_CVM\\_CVM\\_1488991-2\\_D.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.**Instruction Sheets**[Instruction Sheet \(U.S.\)](#)

English

[Instruction Sheet \(U.S.\)](#)

English