



Connectors > Automotive Connectors > Connector Housings > MCON, CONNECTOR HOUSING



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**

Number of Positions: **3**

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

[All MCON, CONNECTOR HOUSING \(283\)](#)

Features

Product Type Features

Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Body Material	PA GF
Primary Product Color	Black

Contact Features



Mating Tab Width	1.2 mm[.047 in]
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Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	No
Mating Alignment Type	Polarized

Housing Features

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

Product Width	26.5 mm[1.043 in]
Product Length	19 mm[.748 in]
Product Height	14.8 mm[.583 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[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

Degree of Protection	IP6K9K
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Packaging Features

Packaging Quantity	2000
Packaging Method	Box

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
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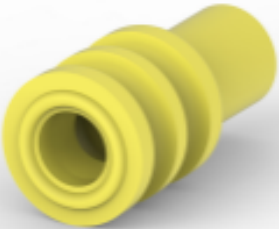
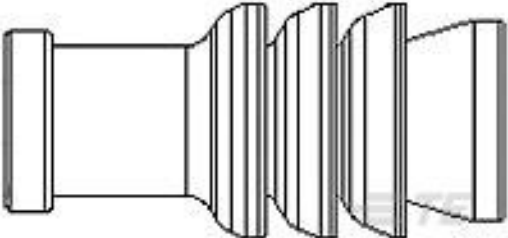
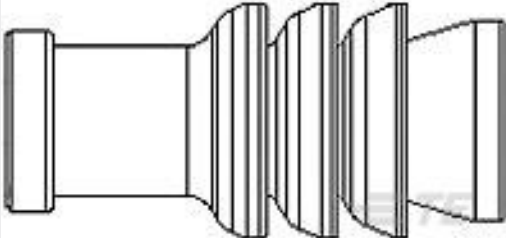
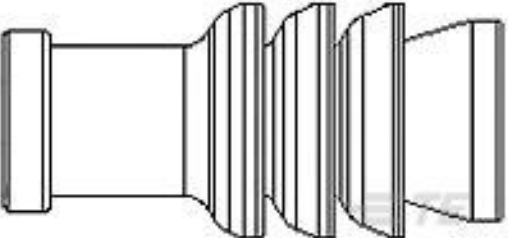


EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Low 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>

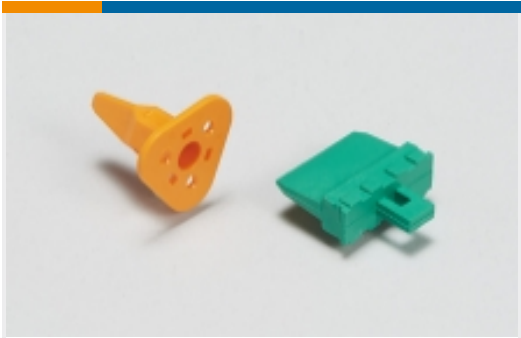
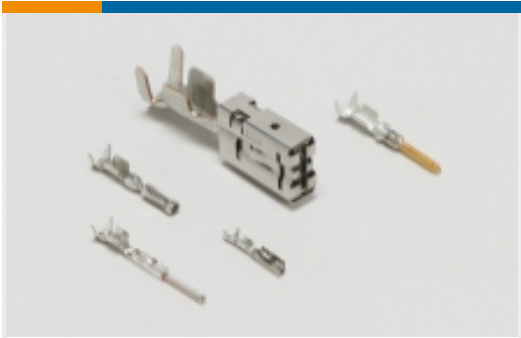
Compatible Parts

 TE Part # 5-1579007-3 EXTRACTION TOOL	 TE Part # CAT-M4595-CH8172 MCON, CONNECTOR HOUSING	 TE Part # CAT-M4595-T273 MCON, RECEPTACLE AND TAB	 TE Part # 964972-1 EINZELLEITERDICHTNG
 TE Part # 967056-1 MQS BLINDSTOPFEN4MM	 TE Part # 967067-1 MQS SGL WIRE SEAL	 TE Part # 967067-2 MQS EINZELLEITDICHT	 TE Part # 2177786-3 5POS, MIXED,HSG, IEC62196-2 TYPE 2,Top



 TE Part # 2177786-7 5POS, MIXED,HSG, IEC62196-2 TYPE 2,right	 TE Part # 2177798-1 5POS, MIXED,HSG, IEC62196-2 TYPE 1,BK	 TE Part # 2208383-1 5POS, MIXED,HSG,INLET GB	 TE Part # 2177786-1 5POS, MIXED,HSG, IEC62196-2 TYPE 2,BK
 TE Part # 2177786-2 7POS, MIXED,HSG, IEC62196-2 TYPE 2,BK	 TE Part # 2177786-5 5POS, MIXED,HSG, IEC62196-2 TYPE 2,Left	 TE Part # 2208383-3 5POS, MIXED,HSG,INLET GB	

Also in the Series | MCON Interconnection System

 Automotive Connector Caps & Covers (24)	 Automotive Connector Locks & Position Assurance(11)	 Automotive Headers(1)	 Automotive Housings(288)
 Automotive Seals & Cavity Plugs(4)	 Automotive Terminals(114)	 Insertion & Extraction Tools(31)	 Other Automotive Connector Accessories(6)

Customers Also Bought

 TE Part #1-1703494-1 MCON, CONNECTOR HOUSING	 TE Part #1-1534096-1 MQS ABDECKKAPPE2X6P	 TE Part #1-1355134-1 RETAINER 94P	 TE Part #YD369-MR66-NS00000 369 6 WAY SHIELDED REC, NO CONTACTS,SKT
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Documents

Product Drawings

3POS, MCON 1.2 LL REC SEALED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1670917-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1670917-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1670917-1_F.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

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English