



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: **2**

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	Integrated in Housing

Configuration Features

Number of Positions	2
Number of Rows	1

Body Features

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	15 mm[.591 in]
Product Height	15.8 mm[.622 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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Industry Standards

Degree of Protection	IP67
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Other

Serviceable	Yes
Connector Position Assurance Capable	No

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: 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 # CAT-M4595-T273  
MCON, RECEPTACLE AND TAB

TE Part # 967067-1  
MQS SGL WIRE SEAL

TE Part # 967067-2  
MQS EINZELLEITDICHT

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 #1670150-1  
HEAVY DUTY SEALED CONNECTOR BACKSHELLS



TE Part #1062-20-0377  
DEUTSCH STAMPED & FORMED CONTACTS



TE Part #2-927770-1  
TIMER, RECEPTACLE AND TAB



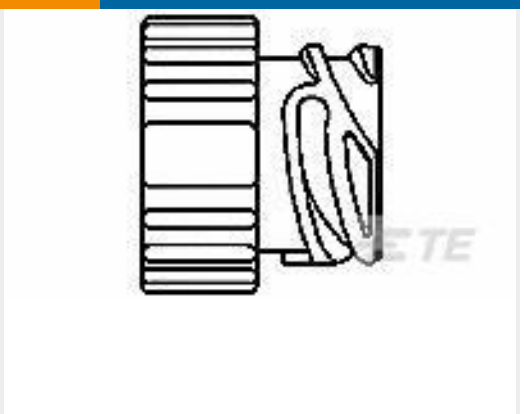
TE Part #1418850-3  
MCON, RECEPTACLE AND TAB



TE Part #2-1823402-1  
LEAVYSEAL HOUSINGS



TE Part #W6P-P004  
DEUTSCH DT WEDGELOCKS



TE Part #185636-1  
PROTECT CAP 2.5MM PLUG



TE Part #184207-1  
2 POS. PLUG ASSY, KEY J



TE Part #1452408-2  
SECONDARY LOCK FOR 58 POS CONN



TE Part #1747140-1  
TH/.025 CONNECTOR SYSTEM, HOUSING

Documents

Product Drawings

2POS, MCON 1.2 CB REC 2p TL SEALED

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2098557-1\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2098557-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2098557-1\_A.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 Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English