



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: **6**
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	6
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

Terminal Position Assurance	Yes
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	32.7 mm[1.287 in]
Product Height	16.5 mm[.65 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	1500
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
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-CH8172
MCON, CONNECTOR HOUSING

TE Part # CAT-M4595-T273
MCON, RECEPTACLE AND TAB

TE Part # 1801606-4
TAB HOUSING, MCON, 10 W, SEALED

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)

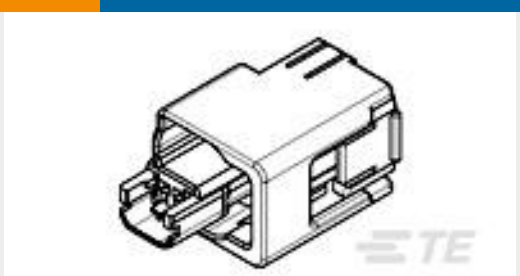
Customers Also Bought



TE Part #1-2141324-1
MCON, CONNECTOR HOUSING



TE Part #1452416-1
58POS CONNECTOR COVER 180 ASSY



TE Part #1438426-3
0.64MM, 2POSN SEALED PLUG, GRA



TE Part #1437839-1
107322A=DBL XMAS TREE CLIP, BL



TE Part #1452409-2
SECONDARY LOCK FOR 58 POS CONN



TE Part #967067-1
MQS SGL WIRE SEAL

Documents

Product Drawings

6POS, MCON 1.2 LL REC SEALED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1718646-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1718646-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1718646-1_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