



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**

Number of Positions: **14**

Centerline (Pitch): **3 mm [.118 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
Sealable	No
Hybrid Connector	No

Configuration Features

Number of Positions	14
Number of Rows	2

Body Features

Body Material	PA GF
Primary Product Color	Yellow

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)	3 mm[.118 in]
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Dimensions

Product Width	51 mm[2.008 in]
Product Length	28.25 mm[1.112 in]
Product Height	17.3 mm[.681 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Signal
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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-CH8172
MCON, CONNECTOR HOUSING

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

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 #829131P037
ES2000-NO.1-C1-0-80MM



TE Part #121397P020
ES2000-NO.3-B8-0-80MM



TE Part #1379799-1
MQS, CONNECTOR HOUSING



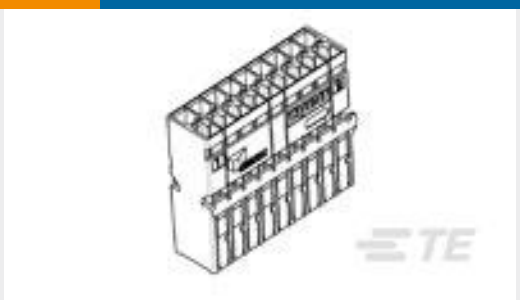
TE Part #1326032-2
1.5/2.8 CONNECTOR SYSTEM, RECPT AND TAB



TE Part #1241388-1
AMP MCP, RECEPTACLE AND TAB



TE Part #1438299-2
GET .64 CONNECTOR SYSTEM, RECEPT AND TAB



TE Part #1326133-1
RECEPTACLE HOUSING, 18 POSITIO



TE Part #121397P018
ES2000-NO.3-B8-0-50MM

Documents

Product Drawings

14P MCON 1.2 SCCM Outer Housing

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1924393-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1924393-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1924393-1_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

1924393-1

MCON Interconnection System, Housing for Female Terminals, Wire-to-Device / Wire-to-Board, 14 Position, 3mm [.118in] Centerline, Yellow, Signal

