



Connectors > Automotive Connectors > Automotive Housings



Connector System: Wire-to-Board, Wire-to-Device, Wire-to-Wire

Number of Positions: 4

Connector & Housing Type: Housing for Female Terminals

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

Sealable: Yes

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	4
Number of Rows	1

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	A



Contact Features

Contact Size	1.2mm
Contact Type	Receptacle
Mating Tab Width	1.2 mm[.047 in]
Contact Current Rating (Max)	25 A

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Connector Height	16.5 mm[.65 in]
Product Width	26.5 mm[1.043 in]
Product Length	24.7 mm[.972 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	Power
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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
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Connector Position Assurance Capable	Yes
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Product Compliance

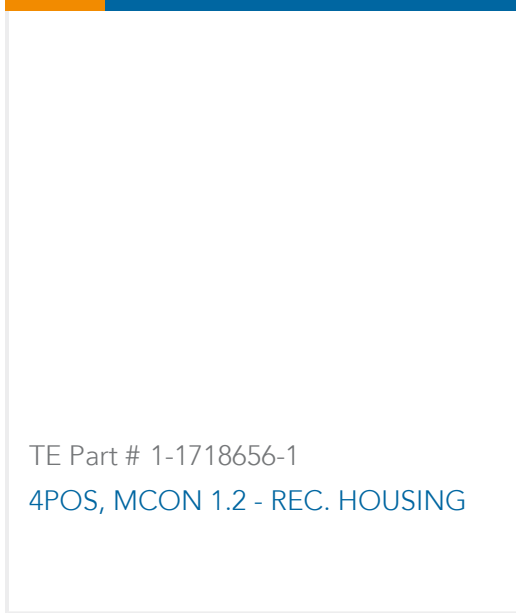
For compliance documentation, visit the product page on TE.com>

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 1-1564559-1 4POS, MCON 1.2 LL TAB SEALED COD A	 TE Part # 1-1564559-2 4POS, MCON 1.2 LL TAB SEALED COD A	 TE Part # 1-1718656-1 4POS, MCON 1.2 - REC. HOUSING
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TE Part # 1-2295768-1
4POS, MCON 1.2CB, INNER HOUSING

TE Part # 1718657-1
4POS, MCON 1.2 - PROTEC. COVER

TE Part # 1718658-1
4POS, MCON 1.2 - RETAINER

Also in the Series

MCON Interconnection System

Automotive Connector Caps & Covers
(21)

Automotive Connector Locks & Position Assurance(11)

Automotive Housings(288)

Automotive Terminals(104)

Connector Seals & Cavity Plugs(11)

Insertion & Extraction Tools(31)

Other Automotive Connector Accessories(2)

PCB Headers & Receptacles(2)

Customers Also Bought

TE Part # 1-1718643-1
2POS, MCON 1.2 LL REC SEALED

TE Part # 967056-1
MQS BLINDSTOPFEN4MM

TE Part # 967067-1
MQS SGL WIRE SEAL

TE Part # 967067-2
MQS EINZELLEITDICHT

TE Part # 3-1823467-8
6POS,AMP MCP1.5K,REC HSG,CODH

TE Part # 7-1452668-1
MCON 1.2 LL REC SWS SN

TE Part # 1379659-6
8W PLUG HOUSING ASSY RED, CONN KIT

TE Part # 1674936-6
0.64 III RCPT NON SEALED Au (S)



Documents

Product Drawings

4POS, MCON 1.2 LL REC SEALED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1718645-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1718645-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1718645-1_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