

MCON Interconnection System

TE Internal #: 1-1924067-3

Housing for Female Terminals, Wire-to-Device / Wire-to-Board / Wire-to-Wire, 2 Position, .157 in [4 mm] Centerline, MCON Interconnection System

[View on TE.com >](#)[Connectors > Automotive Connectors > Automotive Housings](#)Connector System: **Wire-to-Board, Wire-to-Device, Wire-to-Wire**Number of Positions: **2**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
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	2
Number of Rows	1

Body Features

Primary Product Color	Black
Connector & Keying Code	C

Contact Features

Contact Size	1.2mm
Contact Type	Receptacle
Mating Tab Width	1.2 mm [.047 in]

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	15.8 mm [.622 in]
Product Width	26.5 mm [1.043 in]
Product Length	15 mm [.591 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 [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-40 - 125 °C [-40 - 257 °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 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

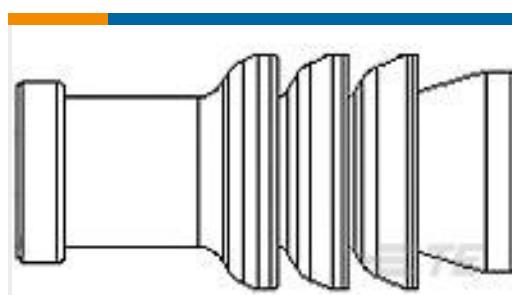
Solder Process Capability

Not applicable for solder process capability

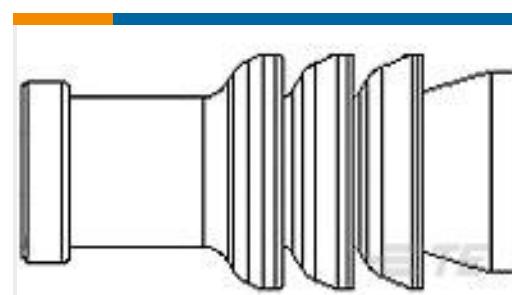
Product Compliance Disclaimer

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 # 967067-1
MQS SGL WIRE SEAL



TE Part # 967067-2
MQS EINZELLEITDICHT



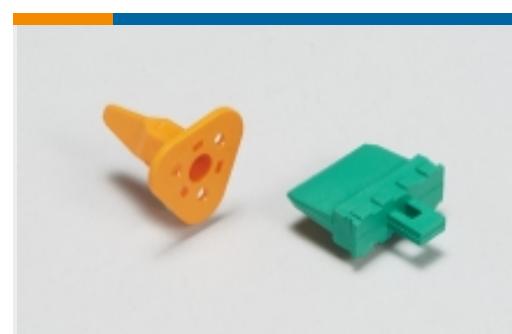
TE Part # CAT-M4595-T273
MCON Receptacle and Tab

Also in the Series

MCON Interconnection System



Automotive Connector Caps & Covers
(21)



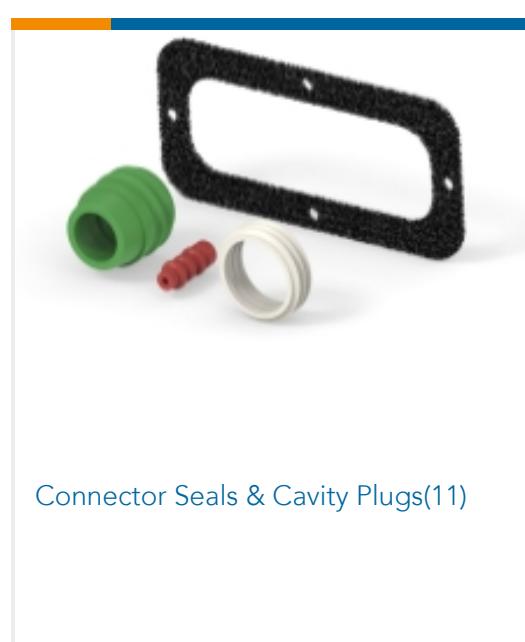
Automotive Connector Locks &
Position Assurance(11)



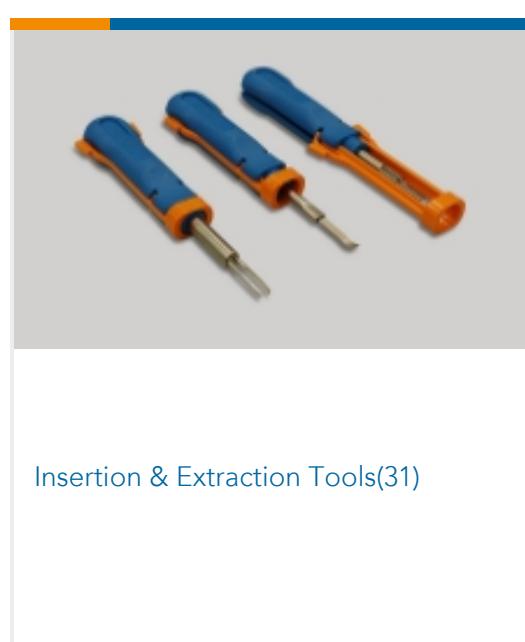
Automotive Housings(288)



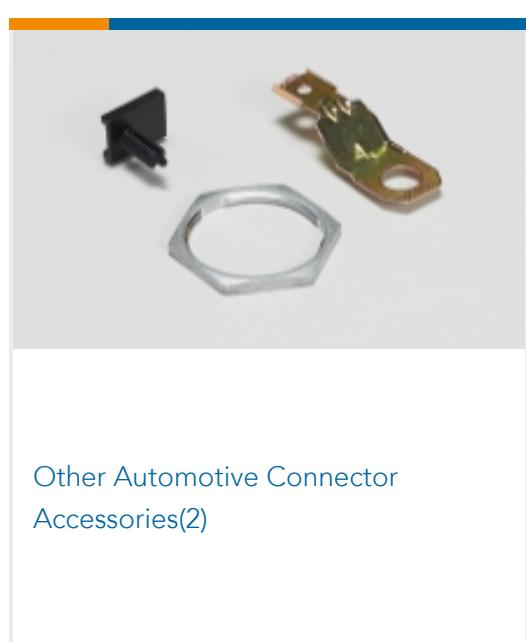
Automotive Terminals(104)



Connector Seals & Cavity Plugs(11)



Insertion & Extraction Tools(31)

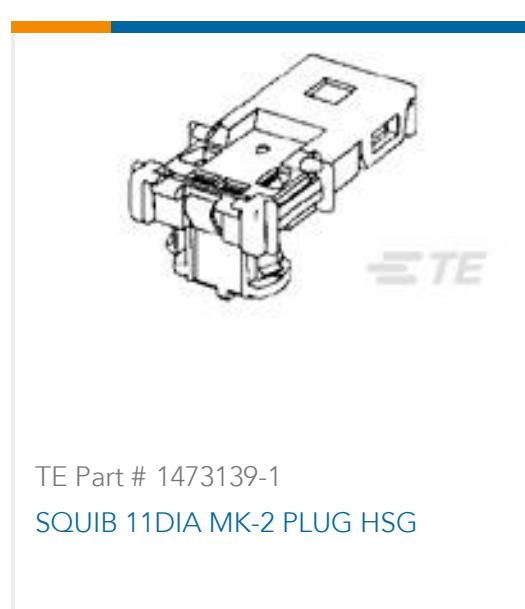


Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(2)

Customers Also Bought

TE Part # 8-1241434-1
TAB PIN HEADER 121POSTE Part # 1674925-1
0.64 ILL/1.0 ILL 34POS PLUG ASSYTE Part # 1-2282364-1
AMP MCP 2.8, CONTACT SWS
LANCELESSTE Part # 636901P004
QS1500-NO.3-F7-0-30MMTE Part # 1473139-1
SQUIB 11DIA MK-2 PLUG HSGTE Part # 1473140-1
SQUIB 11DIA MK-2 LOCKING BUTTOTE Part # 1674936-5
0.64 ILL RCPT NON SEALED TIN (S)TE Part # 829131P014
ES2000-NO.1-C1-0-65MM

Documents

Product Drawings

2POS, MCON 1.2 CB REC 2p TL SEALED

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-1924067-3_C.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-1924067-3_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1924067-3_C.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

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English