



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: **3**
Centerline (Pitch): **4 mm [.157 in]**

[All MCON, CONNECTOR HOUSING \(283\)](#)

Features

Product Type Features

Connector & Housing Shape	Rectangular
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	3
Number of Rows	1

Body Features

Body Material	PA GF
Primary Product Color	Black
Connector Code	A

Contact Features

Contact Size	1.2mm
Contact Type	Receptacle



Mating Tab Width	1.2 mm[.047 in]
------------------	-----------------

Mechanical Attachment

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

Housing Features

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

Dimensions

Product Width	26.5 mm[1.043 in]
Product Length	19 mm[.748 in]
Product Height	15.6 mm[.614 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
---------------------	--------

Industry Standards

Degree of Protection	IP67
----------------------	------

Packaging Features

Packaging Quantity	1
Packaging Method	Package

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

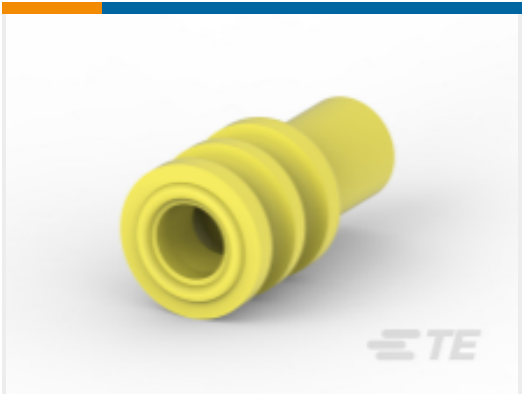


EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Not Yet Reviewed
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>

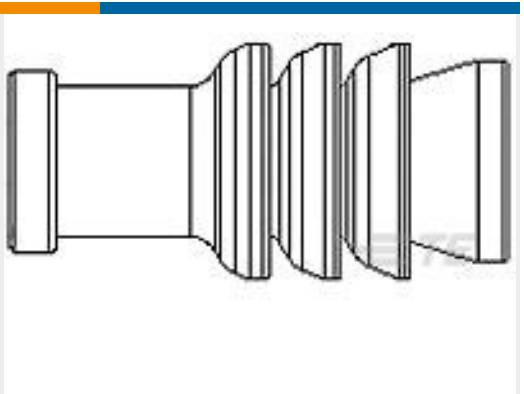
Compatible Parts




TE Part # 964972-1
EINZELLEITERDICHTNG



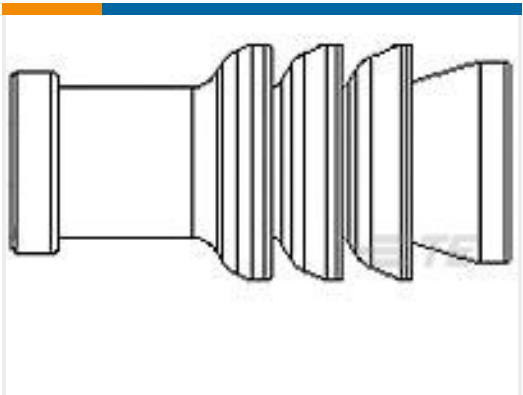
TE Part # 963143-1
MQS BLINDSTOPFEN



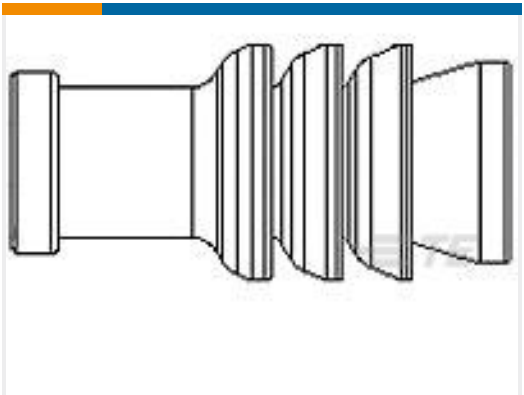
TE Part # 967067-2
MQS EINZELLEITDICHT



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



TE Part # 967056-1
MQS BLINDSTOPFEN4MM



TE Part # 967067-1
MQS SGL WIRE SEAL



Also in the Series | MCON Interconnection System

Automotive Connector Caps & Covers (24)	Automotive Connector Locks & Position Assurance(11)	Automotive Housings(288)	Automotive Seals & Cavity Plugs(4)
Automotive Terminals(113)	Insertion & Extraction Tools(31)	Other Automotive Connector Accessories(6)	PCB Headers & Receptacles(1)

Customers Also Bought

TE Part #3-1624113-8 3650 2A 39nH 5% 2K RL	TE Part #1670146-1 MCON 1.2 CB REC SWS SN	TE Part #1-1743086-3 LIF HYB 39P CAP ASSY GRY	TE Part #1617547-8 MGAC-12W=MGA .100 GRID RELAY
TE Part #2141648-1 13POS, MIXED,REC HSG,ASSY,CODA	TE Part #BKA201M09420200000 923 EXTENSION, SPEEDTEC-READY	TE Part #926845P006 FL2500-NO.3-J1-0-27MM	TE Part #539722-2 DIE MCP/2,8 0,5-1MM
TE Part #1438893-6 PLUG HOUSING, 1 POSITION, 180 DEGREE, FA	TE Part #ASA001F04480650000 623 PLUG		



Documents

Product Drawings

3POS, MCON 1.2 CB REC 2p TL SEALED

English

3POS, MCON 1.2 CB REC 2p TL SEALED

English

CAD Files

Customer View Model

ENG_CVM_CVM_1488991-1_D.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1488991-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1488991-1_D.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