1-1418463-9 ✔ ACTIVE

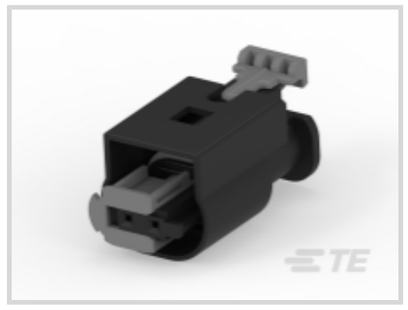
MQS

TE Internal #: 1-1418463-9

12 V / 24 V, 2 Position, Automotive Housing for Female Terminals, Wire-to-Board / Wire-to-Wire, 4 mm [.157 in] Centerline, Sealable, Black

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings > MQS, CONNECTOR HOUSING







Nominal Voltage Architecture: **12 V, 24 V**

Connector & Housing Type: **Housing for Female Terminals**

Number of Positions: **2**

Sealable: **Yes**

Operating Temperature Range: **-40 – 120 °C [-40 – 248 °F]**

All MQS, CONNECTOR HOUSING (338)

Features

Product Type Features

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

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V

Body Features

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

Contact Features

Contact Size	.63mm
Contact Type	Receptacle
Mating Tab Width	.63 mm[.025 in]
Contact Current Rating (Max)	7.5 A

Mechanical Attachment

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

Housing Features

Housing Material	PBT GF15
Centerline (Pitch)	4 mm[.157 in]

Dimensions

Row-to-Row Spacing	7.6 mm, 8.6 mm, 9 mm[.299 in][.339 in][.354 in]
Product Width	32 mm[1.26 in]
Product Length	16.1 mm[.648 in]
Connector Height	16.45 mm[.648 in]

Usage Conditions

Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]
Operating Temperature (Max)	120 °C[248 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

IP Rating	IPX4K, IPX9K

Packaging Features

Packaging Method	Bulk

Other

Serviceable	No
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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 1418464-3
PROTEC. COVER MQS,2POS.,YW

TE Part # 1418464-5
PROTEC. COVER MQS,2POS.



TE Part # CAT-M8793-T273
MQS, RECEPTACLE AND TAB

TE Part # 1418464-1
PROTEC COVER MQS 2 POS

TE Part # 1418464-9
PROTEC. COVER MQS,2POS.



TE Part # CAT-M8793-CH8172
MQS, CONNECTOR HOUSING

TE Part # 1418464-4
PROTEC. COVER MQS,2POS.

Customers Also Bought



TE Part #5-962886-1
MQS0,63 Sn tab LL EDS 0,2-0,5



TE Part #1939351-1
1.0 SEALED RECEPTACLE CONTACT Sn



TE Part #1981562-1
1.0 SERIES CAVITY PLUG



TE Part #2050036-4
64P ECU PLUG CONNECTOR



TE Part #2260321-1
CAP HOUSING ASSEMBLY 130POS 0.5 /1.0



TE Part #2298121-1
MATE-AX, Socket center contact, RTK 031



TE Part #2298494-1
MATE-AX, Socket outer contact, RG 174



TE Part #2261071-1
0.5/1.0/2.8 SEALED CONN 186P CAP ASSY



TE Part #2261071-2
0.5/1.0/2.8 SEALED CONN 186P CAP ASSY

TE Part #5-2435199-1
MQS,TERMINAL,064 LL

Documents

Product Drawings

2POS MQS REC SEALED COD A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1418463-9_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1418463-9_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1418463-9_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Application Specification

English