1-1418463-9 ✔ ACTIVE

MQS

TE Internal #: 1-1418463-9

Housing for Female Terminals, Wire-to-Board / Wire-to-Wire, 2 Position, .157 in [4 mm] Centerline, Sealable, Black, Wire & Cable, Signal, MQS

View on TE.com >

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

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

Number of Positions: **2**

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

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

Sealable: **Yes**

All MQS, CONNECTOR HOUSING (359)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Board, 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	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

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	PBT GF
Centerline (Pitch)	4 mm[.157 in]

Dimensions

Connector Height	29.5 mm[1.161 in]
Product Length	16.1 mm[.634 in]
Row-to-Row Spacing	7.6 mm, 8.6 mm, 9 mm[.299 in][.339 in][.354 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

Degree of Protection	IP69K

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	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-M8793-CH8172
MQS, CONNECTOR HOUSING

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

TE Part # 1418464-1
PROTEC COVER MQS 2 POS

TE Part # 1418464-3
PROTEC. COVER MQS,2POS.,YW

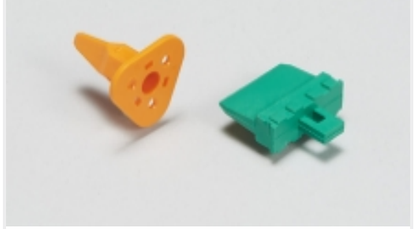
TE Part # 1418464-4
PROTEC. COVER MQS,2POS.

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

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

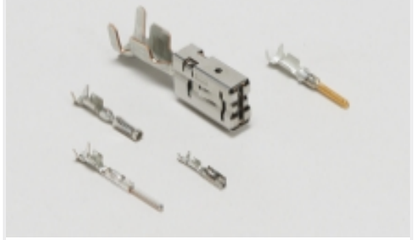
Also in the Series | MQS

Automotive Connector Caps & Covers (87)



Automotive Connector Locks & Position Assurance(22)

Automotive Housings(298)

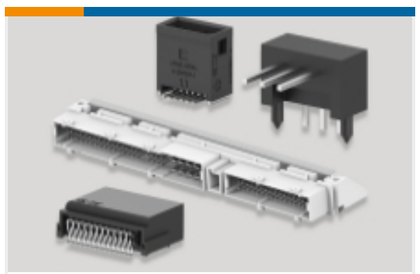


Automotive Terminals(78)

Connector Seals & Cavity Plugs(23)

Insertion & Extraction Tools(42)

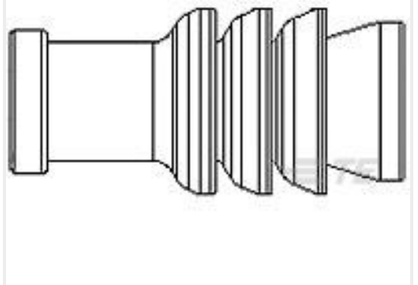
Other Automotive Connector Accessories(4)



PCB Headers & Receptacles(140)

Customers Also Bought

TE Part # 1554723-1
1.0 SEALED RECEPTACLE CONTACT



TE Part # 967067-2
MQS EINZELLEITDICHT

TE Part # 1-967570-1
2POS MQS TAB SEALED COD A

TE Part # 2282347-2
TAB0.5X0.4,NANO MS, NANOMULTISPRING SNFL

TE Part # 826951-2
02P MODU 2 PIN HDR

TE Part # 2050052-1
4POS 2.8MM SENSOR PLUG ASSY.

TE Part # 1981562-1
1.0 SERIES CAVITY PLUG

TE Part # 1939351-1
1.0 SEALED RECEPTACLE CONTACT Sn

TE Part # 826951-6
6P MOD2 STIFT LEI

TE Part # 1-539430-2
HOCHTEMP. KABEL

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 Conditionsof use.

Datasheets & Catalog Pages

Micro Quadlok Interconnection System (MQS)

English

Product Specifications

Application Specification

English