



MQS

TE Internal #: 1-1418463-9  
2 Position Housing, Housing for Female Terminals, Wire-to-Board /  
Wire-to-Wire, 4 mm [.157 in] Centerline, Sealable, Black, Wire &  
Cable, Signal

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



Number of Positions: 2  
Connector & Housing Type: **Housing for Female Terminals**  
Mating Tab Width: .63 mm [.025 in]  
Connector System: **Wire-to-Board, Wire-to-Wire**  
Centerline (Pitch): 4 mm [.157 in]

[All MQS, CONNECTOR HOUSING \(353\)](#)

Features

Industry Standards

IP Rating	IP69K
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Dimensions

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

Packaging Features

Packaging Method	Bulk
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Mechanical Attachment

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

Other

Serviceable	No
Connector Position Assurance Capable	Yes



EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Body Features

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

Housing Features

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

Contact Features

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

Product Type Features

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

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	24 V, 12 V
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Usage Conditions

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

Operation/Application

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Circuit Application	Signal
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

<div>TE Part # 1418464-1</div> <div>PROTEC COVER MQS 2 POS</div>	<div>TE Part # 1418464-9</div> <div>PROTEC. COVER MQS,2POS.</div>	<div></div> <div>TE Part # CAT-M8793-CH8172</div> <div>MQS, CONNECTOR HOUSING</div>	<div>TE Part # 1418464-5</div> <div>PROTEC. COVER MQS,2POS.</div>
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TE Part # 1418464-3  
PROTEC. COVER MQS,2POS.,YW

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

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

Customers Also Bought

TE Part #5-1879071-3  
THS50 1K5 5%

TE Part #2176508-2  
CJP 300W R68 5% Lead

TE Part #CAT-SU763-H342  
SUPERSEAL Connector Headers: 1.0 mm

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

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

TE Part #2141034-1  
FUSE BOX ASSY,HARD WIRED,PREFUSE

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.

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



[Product Specifications](#)

[Application Specification](#)

English