

1-1418463-9 ✓ ACTIVE

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]
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Product Length	16.1 mm [.634 in]
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Connector Height	29.5 mm [1.161 in]
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Packaging Features

Packaging Method	Bulk
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Mechanical Attachment

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

Serviceable	No
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Connector Position Assurance Capable	Yes
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EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Body Features

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

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

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

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

Number of Positions	2
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Number of Rows	1
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Electrical Characteristics

Nominal Voltage Architecture	24 V, 12 V
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Usage Conditions

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

Circuit Application

Signal

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

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

TE Part # 1418464-3
PROTEC. COVER MQS,2POS.,YWTE Part # CAT-M8793-T273
MQS, RECEPTACLE AND TABTE 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% LeadTE Part #CAT-SU763-H342
SUPERSEAL Connector Headers: 1.0 mmTE Part #1-967570-1
2POS MQS TAB SEALED COD ATE Part #CAT-M8793-T273
MQS, RECEPTACLE AND TABTE Part #2141034-1
FUSE BOX ASSY,HARD WIRED,PRE FUSE

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

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Product Specifications

Application Specification

English