



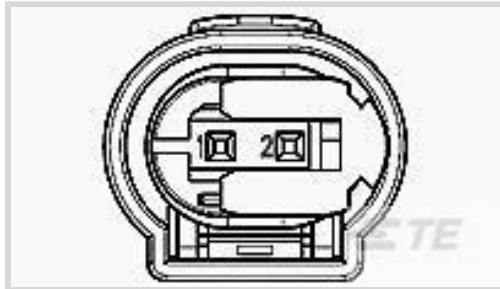
**MQS**

TE Internal #: 1-967644-1

Housing for Female Terminals, Wire-to-Wire, 2 Position, 4 mm [.157 in] Centerline, Sealable, Black, Wire & Cable, Signal, Cable Mount (Free-Hanging)

[View on TE.com >](#)

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



Connector System: **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 \(360\)](#)

**Features**

**Product Type Features**

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	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, 42 V, 48 V
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**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	15.2 mm[.598 in]
Product Width	24.15 mm[.951 in]
Product Length	17.4 mm[.685 in]

### Usage Conditions

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

### Operation/Application

Circuit Application	Signal
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### Industry Standards

Degree of Protection	IP69K
UL Flammability Rating	UL 94HB

### Packaging Features

Packaging Method	Bag
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### Other

Serviceable	No
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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

			
<p>TE Part # CAT-M8793-CH8172 MQS, CONNECTOR HOUSING</p>	<p>TE Part # CAT-NC1-NMA12 NextGen &amp; NextGen Plus MCON 1.2 Locking Lance Single Wire Seals and Cavity Plugs</p>	<p>TE Part # CAT-M8793-T273 MQS, RECEPTACLE AND TAB</p>	<p>TE Part # 4-1904065-7 V23720A0002A001-EV-CBOX</p>




TE Part # 2-2317670-1  
V23720A0112B001-EV-CBOX



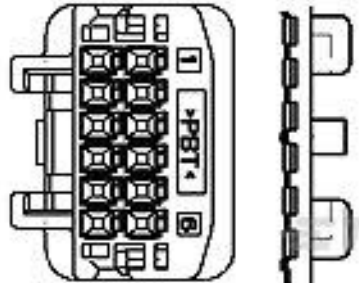
TE Part # 7-1904137-6  
V23720A0102B001-EV-CBOX



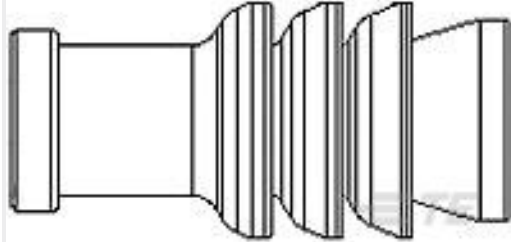
TE Part # 8-1904133-1  
V23717B0002A200-EV-CBOX

TE Part # 967645-1  
MQS SEAL

### Customers Also Bought



TE Part #1473410-1  
025 G 16POS CAP ASSY W TO W



TE Part #967067-1  
MQS SGL WIRE SEAL



TE Part #5-965906-1  
MQS, RECEPTACLE AND TAB



TE Part #2035363-1  
1X6 GENERATION Y ASSY KEY B



TE Part #2050723-2  
COVER FOR MQS HSG 2x16 POS ASSY

TE Part #2819355-1  
E/G ROOM R/B FRAME ASSY

TE Part #2819359-2  
LOWER COVER

TE Part #019341-000  
BL-POLY125-64-0-30



TE Part #CS9984-000  
ES2000-NO.3-O5-0-35MM-CS9156

### Documents

#### Product Drawings

[2POS MQS REC SEALED COD A](#)

English

#### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1-967644-1\\_A.2d\\_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-967644-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-967644-1\\_A.3d\\_stp.zip](#)

English

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### Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

[Application Specification](#)

German