



AMP | MQS

TE Internal #: 1-967587-3

Housing for Male Terminals, Wire-to-Wire, 6 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 & Housing Type: **Housing for Male Terminals**

Connector System: **Wire-to-Wire**

Number of Positions: **6**

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

Sealable: **Yes**

[All MQS, CONNECTOR HOUSING \(571\)](#)

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	6
Number of Rows	2

### Electrical Characteristics

Operating Voltage	24 VDC
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	Tab
Contact Current Rating (Max)	7.5 A

### Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	With
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	14.4 mm [.567 in]
Product Width	41.2 mm [1.622 in]
Product Length	27.2 mm [1.071 in]
Row-to-Row Spacing	3.5 mm [.135 in]

### Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][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
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### Packaging Features

Packaging Method	Carton
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### Other

Serviceable	Yes
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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 968816-1 MQS PIN HOUSING SWS 6P</p>	 <p>TE Part # 963730-2 MQS PIN CONTACT WITH SPRING</p>	 <p>TE Part # 1-967616-3 MQS SOCKET HSG SWS 6 POS</p>
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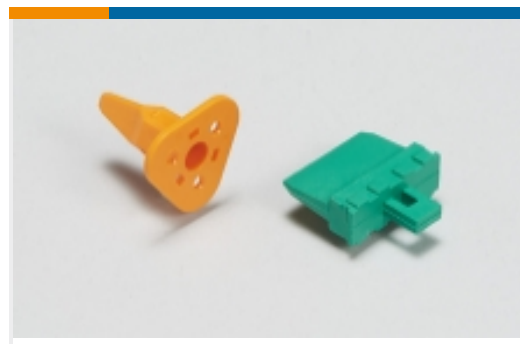
Also in the Series | **MQS**



Automotive Connector Caps & Covers (138)



Automotive Connector EMC Shielding (3)



Automotive Connector Locks & Position Assurance(30)



Automotive Housings(506)



Automotive Terminals(104)



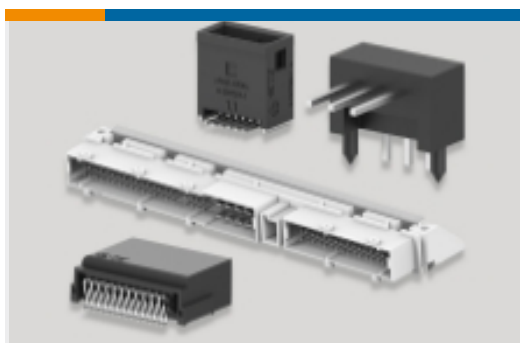
Connector Seals & Cavity Plugs(27)



Insertion & Extraction Tools(42)

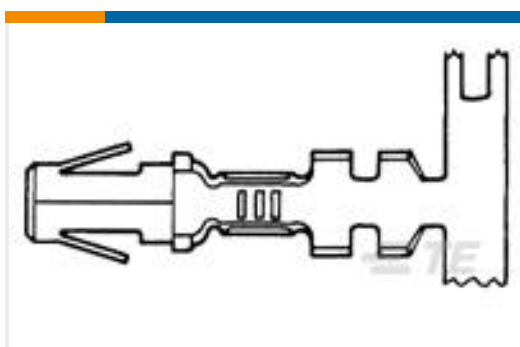


Other Automotive Connector Accessories(14)

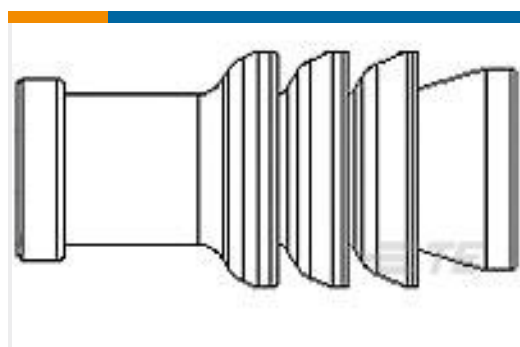


PCB Headers & Receptacles(214)

## Customers Also Bought



TE Part #61626-1  
.140 DIA SOK 20-14 PTPBR



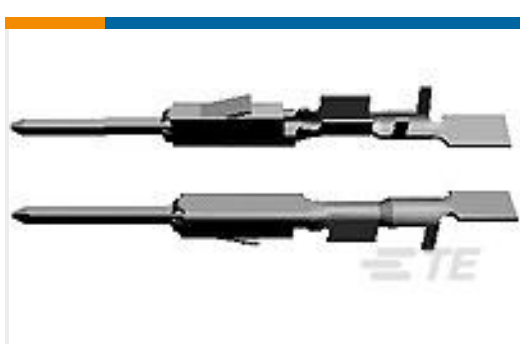
TE Part #967067-1  
MQS SGL WIRE SEAL



TE Part #8-968971-2  
AMP MCP Unsealed Connector Housings



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



TE Part #963730-1  
MQS PIN CONTACT WITH SPRING

## Documents



## Product Drawings

### 6POS MQS TAB SEALED COD A

English

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## CAD Files

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-967587-3\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-967587-3\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-967587-3\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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## Datasheets & Catalog Pages

### Micro Quadlok Interconnection System (MQS)

English

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## Product Specifications

### Application Specification

English