

284703-1 ✓ ACTIVE

AMP | MQS

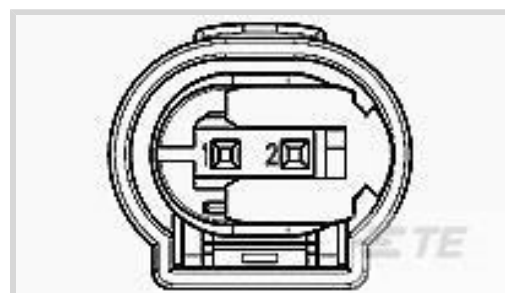
TE Internal #: 284703-1

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

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



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

Mating Tab Width: **.63 mm [.025 in]**

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

Number of Positions: **2**

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

[All MQS, CONNECTOR HOUSING \(557\)](#)

Features

Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	24 VDC
Nominal Voltage Architecture	12 V, 24 V

Body Features

Cable Exit Angle	180°
Body Material	PA GF
Primary Product Color	Black
Connector Code	A



Contact Features

Contact Size	.64mm
Contact Type	Receptacle
Mating Tab Width	.63 mm[.025 in]

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	4 mm[.157 in]
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Dimensions

Product Width	14.4 mm[.567 in]
Product Length	17.4 mm[.685 in]
Product Height	22.1 mm[.87 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-30 – 125 °C[-22 – 257 °F]

Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Method	Box
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Other

Serviceable	No
Connector Position Assurance Capable	No

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

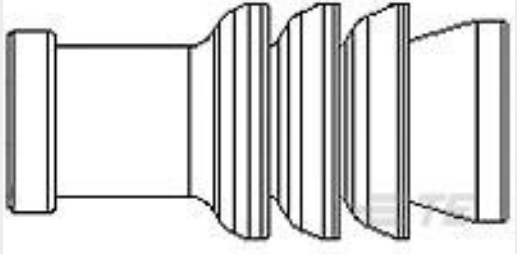

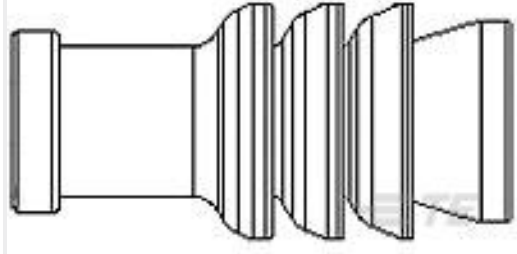
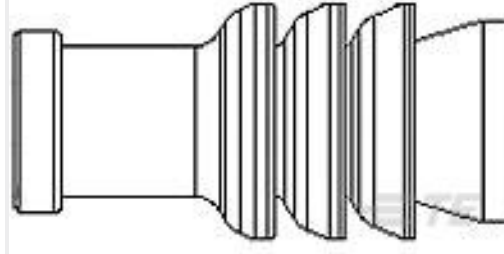
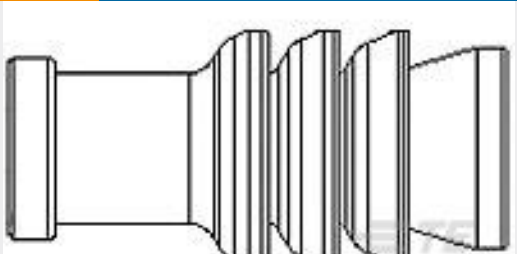
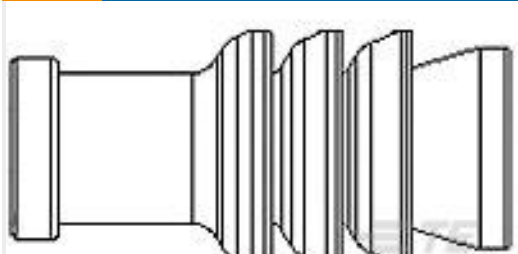


EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does 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 # 963142-1 MQS SINGLE-WIRE SEAL FOR 4MM</p>	 <p>TE Part # 963143-1 MQS BLINDSTOPFEN</p>	 <p>TE Part # 967056-1 MQS BLINDSTOPFEN4MM</p>	 <p>TE Part # 963142-2 SWS,MQS,CVTY DIA,4.0,GRY</p>
 <p>TE Part # 967067-1 MQS SGL WIRE SEAL</p>	 <p>TE Part # 967067-2 MQS EINZELLEITDICHT</p>		

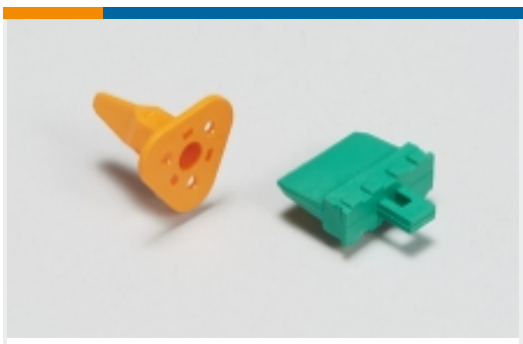
Also in the Series | MQS



Automotive Connector Caps & Covers (132)



Automotive Connector EMC Shielding (2)



Automotive Connector Locks & Position Assurance(29)



Automotive Housings(489)



Automotive Seals & Cavity Plugs(26)



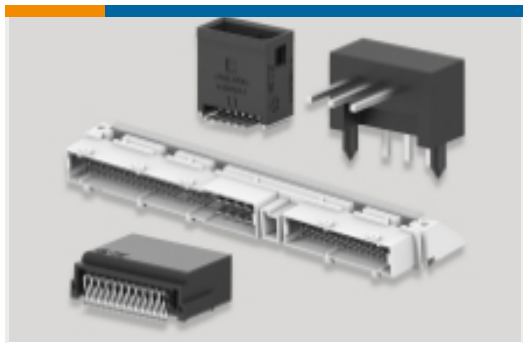
Automotive Terminals(96)



Insertion & Extraction Tools(42)



Other Automotive Connector Accessories(13)



PCB Headers & Receptacles(207)

Customers Also Bought



TE Part #4-1670730-1
3POS,TAB 1.5X0.63,TAB HSG,ASSY



TE Part #284844-1
AMP MCP, SEALED CONNECTOR HOUSING



TE Part #6-968972-1
AMP MCP 2.8 HSG 12POS. 2.LOCKING



TE Part #4-1924067-1
2POS, MCON 1.2 CB REC 2p TL SEALED



TE Part #1718758-3
MCON 1.2 LL TAB SWS AG



TE Part #282308-1
5MM PITCH RCPT CONTACT



TE Part #2272976-1
Left/Right Wire Dress



TE Part #964268-2
TAB A 1.6x0.6 CONTACT CF SRC Sn (LP)

Documents



Product Drawings

2POS MQS REC SEALED COD A

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_284703-1_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_284703-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_284703-1_D.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

Micro Quadlok Interconnection System (MQS)

English

Product Specifications

2 Positions Micro Quadlok System sealed connector

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

2 POS. MICRO QUADLOK SYSTEM SEALED SOCKET CONNECTOR

English

Instruction Sheet (non U.S.)

English