

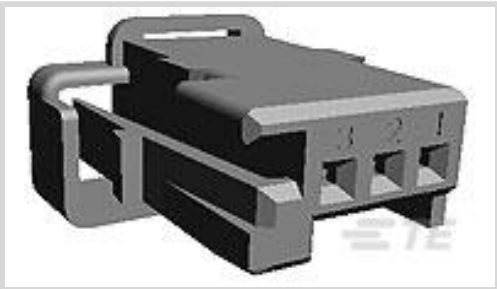


MQS

TE Internal #: 953697-1
Housing for Female Terminals, Wire-to-Wire, 3 Position, .1 in [2.54 mm] Centerline, Black, Wire & Cable, Signal, Cable Mount (Free-Hanging), MQS

[View on TE.com >](#)

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



Connector System: **Wire-to-Wire**
Number of Positions: **3**
Connector & Housing Type: **Housing for Female Terminals**
Centerline (Pitch): **2.54 mm [.1 in]**
Sealable: **No**

[All MQS, CONNECTOR HOUSING \(435\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	24 VDC
Nominal Voltage Architecture	24 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black



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)	2.54 mm[.1 in]

Dimensions

Connector Height	17.6 mm[.693 in]
Product Width	8.6 mm[.339 in]
Product Length	13.9 mm[.547 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C[158 °F][167 °F] [176 °F][185 °F]
Operating Temperature Range	-40 - 85 °C[-40 - 185 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Method	Box
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Other

Serviceable	Yes
Connector Position Assurance Capable	No



Product Compliance

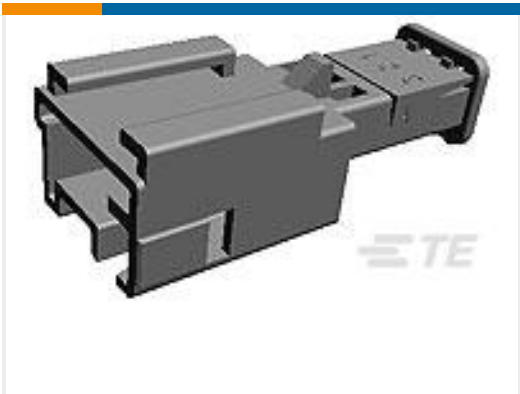
For compliance documentation, visit the product page on TE.com>

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 reviewed 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 # 953698-1
3POS MQS TAB



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



TE Part # 1563144-1
3POS,TAB 0.63X0.64,HEADER ASSY,BK



TE Part # 1308374-1
EXTRACTION TOOL



TE Part # 2-953698-1
3POS MQS TAB

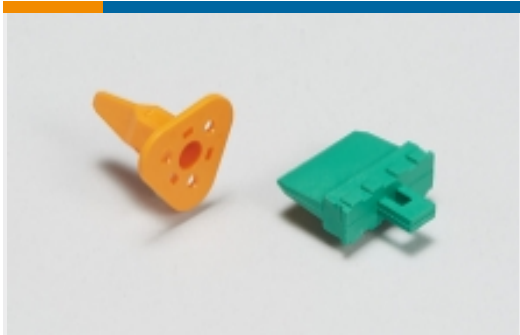
Also in the Series | MQS



Automotive Connector Caps & Covers (113)



Automotive Connector EMC Shielding (3)



Automotive Connector Locks & Position Assurance (26)



Automotive Housings (379)



Automotive Terminals (88)



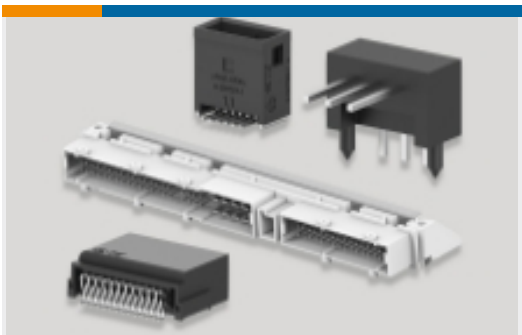
Connector Seals & Cavity Plugs (26)



Insertion & Extraction Tools (42)



Other Automotive Connector Accessories (7)



PCB Headers & Receptacles (143)

Customers Also Bought



TE Part # 953698-2
MQS, CONNECTOR HOUSING



TE Part # 1379659-1
8W PLUG HOUSING ASSY BLAC



TE Part # 1670326-3
1.5MM SFC, CONTACT



TE Part # 1379100-2
COV+LEV MQS 18W 0DEG WHI



TE Part # 1801175-1
2W RECEPTACLE HP CONNECTOR
BLACK



TE Part # 1379101-5
COV+LEV MQS 18W 90DEG GREEN



TE Part # 1801178-2
3W RECEPTACLE HP CONNECTOR
BLUE



TE Part # 1801359-1
ADAPTER, ROTATIVE COVER FOR 3W
CONN



TE Part # 1801468-1
COVER, ROTATIVE, 3 WAY HP
CONNECTOR

Documents

Product Drawings

3POS MQS REC

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_953697-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_953697-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_953697-1_A.2d_dxf.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

Product Specification

French

Instruction Sheets

Instruction Sheet (non U.S.)



English