1-969489-1 ✔ ACTIVE

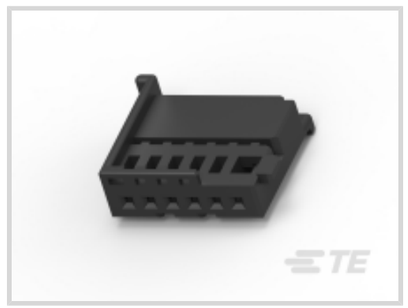
MQS

TE Internal #: 1-969489-1

12 V, 6 Position, Automotive Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 2.85 mm [.112 in] Centerline, Black, Wire & Cable, Signal

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings > MQS 0.63mm Unsealed Connector System







Nominal Voltage Architecture: **12 V**

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

Number of Positions: **6**

Sealable: **No**

Operating Temperature Range: **-40 – 80 °C [-40 – 176 °F]**

All MQS 0.63mm Unsealed Connector System (140)

Features

Product Type Features

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

Configuration Features

Number of Positions	6
Number of Rows	1

Electrical Characteristics

Operating Voltage	12 VDC

Nominal Voltage Architecture	12 V

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

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Glass-Filled PBT
Centerline (Pitch)	2.85 mm[.112 in]

Dimensions

Product Length	21.2 mm[.835 in]
Connector Height	8.7 mm[.343 in]

Usage Conditions

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

Operation/Application

Conforms to Automation Guideline	KOMAX Automatic Component Insertion per Version 5 with Increased Setup Effort /Limited Process Speed
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94HB

Packaging Features

Packaging Method	Box
Packaging Quantity	4208

Other

Serviceable	No
Connector Position Assurance Capable	No

Product Compliance

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

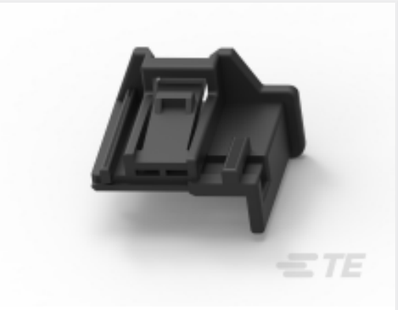
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 2311930-2
W/H HVAC, AI-TATA X451 MTC



TE Part # 1355081-1
MQS RETAINER

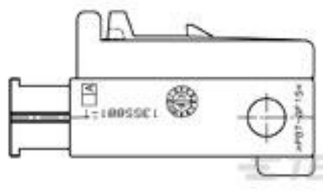


TE Part # 5-962885-1
MQS0,63 Sn rec LL EDS 0,2-0,35

Customers Also Bought



TE Part #794193-1
08P MINI UMNL2 CAP HSG UL94V0



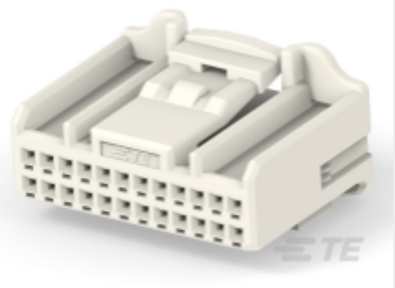
TE Part #1355881-1
MQS GRIFFSCHALE 6P



TE Part #1488991-5
3POS, MCON 1.2 CB REC 2p TL SEALED



TE Part #1544133-1
CLIP 6,35 NG1



TE Part #2321519-1
24POS,TH 025,REC HSG ASSY,UNSLD



TE Part #2109100-2
MQS SLD 4P PLUG ASSY



TE Part #2297494-1
MQS ONE PIECE TAB 0.22~0.35 EMEA



TE Part #2436637-1
6POS,NANOMQS,REC HSG ASSY, COD A

TE Part #2438899-1
MQS,TERMINAL,0.63,SN,LL,UNSEAL, 0.08-0.22



TE Part #5-2473026-1
12POS,MCON 0.5,REC HSG ASSY,SLD, COD A

Documents

Product Drawings

6POS MQS REC COD A

English

6POS MQS REC COD A

English

CAD Files

Customer View Model

ENG_CVM_1-969489-1_P0B2.3d_igs.zip

English

Customer View Model

ENG_CVM_1-969489-1_P0B2.3d_stp.zip

English

Customer View Model

ENG_CVM_1-969489-1_P0B2.2d_dxf.zip

English

3D PDF

3D

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Product Specifications

Product Specification

English