



MQS

TE Internal #: 1-967587-3
12 V, 6 Position, Automotive Housing for Male Terminals, Wire-to-Wire, 4 mm [.157 in] Centerline, Sealable, Black, Wire & Cable, Signal

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Automotive Parts > Automotive Connectors > Automotive Housings > MQS 0.63mm Sealed Connectors



Nominal Voltage Architecture: 12 V
Connector & Housing Type: **Housing for Male Terminals**
Number of Positions: 6
Sealable: **Yes**
Operating Temperature Range: -40 – 120 °C [-40 – 248 °F]

[All MQS 0.63mm Sealed Connectors \(37\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	24 VDC
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Nominal Voltage Architecture	12 V
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Body Features

Cable Exit Angle	180 °
Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	.64mm
Contact Type	Tab
Mating Tab Width	.64 mm[.02 in]
Contact Current Rating (Max)	7.5 A

Mechanical Attachment

Strain Relief	With
Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF20
Centerline (Pitch)	4 mm[.157 in]

Dimensions

Row-to-Row Spacing	3.5 mm[.135 in]
Product Width	41.2 mm[1.62 in]
Product Length	27.2 mm[1.07 in]
Connector Height	14.4 mm[.57 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal
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Industry Standards

IP Rating	IP4K9K
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Packaging Features



Packaging Method	Carton
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	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 # CAT-N02-MS063
MQS 0.63mm Sealed Connectors



TE Part # 963730-2
MQS PIN CONTACT WITH SPRING



TE Part # 1-967616-3
MQS SOCKET HSG SWS 6 POS



TE Part # 968495-1
MQS2.KONT.SICHERG6P



TE Part # 968816-1
MQS PIN HOUSING SWS 6P

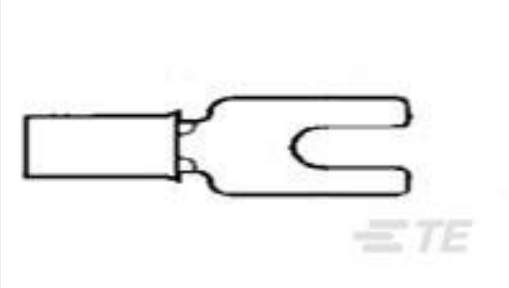


TE Part # 3-967616-1
6POS MQS REC SEALED COD C

Customers Also Bought



TE Part #5677672002
RNF-3000-24/8-2-STK



TE Part #40577
SPADE TERMINAL 18-14 AWG BR



TE Part #776487-2
AS16,PLUG ASSY,ST,04P,N SEAL, CODE B



TE Part #1-1414122-0
V23136J1004X050-EV-CBOX



TE Part #1718973-1
JUMPSTART TERMINAL ASSY



TE Part #2294593-1
ASSEMBLY OF 10W PLUG



TE Part #2362767-5
MATENET,CABLE ASSY,1 GBPS UTP



TE Part #1-2425607-1
2POS,1.2X0.6,TAB HSG ASSY,SLD, COD A



TE Part #7-2438907-1
MCON 1.2,TERMINAL,LL REC SRC SN



TE Part #1-2481289-1
18POS,HYBRID,TAB HSG ASSY,SLD, COD A

Documents



Product Drawings

6POS MQS TAB SEALED COD A

English

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

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Product Specifications

Application Specification

English