



MQS

TE Internal #: 1-968700-1
12 V, 3 Position, Automotive Housing for Male Terminals, Wire-to-Wire, 2.54 mm [.1 in] Centerline, Black, Wire & Cable, Signal

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



Nominal Voltage Architecture: 12 V
Connector & Housing Type: **Housing for Male Terminals**
Number of Positions: 3
Sealable: **No**
Operating Temperature Range: -40 – 120 °C [-40 – 248 °F]

[All MQS 0.63mm Unsealed Connectors \(140\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	3
Number of Rows	1

Electrical Characteristics

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

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	PBT GF
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Product Width	26.6 mm[1.05 in]
Product Length	12.2 mm[.48 in]
Connector Height	6.8 mm[.27 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

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Method	Carton
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Other

Serviceable	No
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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 # 968807-9
3POS MQS REC COD Z



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



TE Part # CAT-N01-MT063
MQS 0.63mm Terminals



TE Part # 1-1718346-3
3POS MQS REC COD A





TE Part # 1-929089-1
3POS MQS FFC REC COD A



TE Part # CAT-N02-MUC063
MQS 0.63mm Unsealed Connectors

Customers Also Bought



TE Part #1SNA115177R1400
M4/6.DE1



TE Part #K1142045
Relay 31-311-12-E



TE Part #800785-SF
FN2070A-10-06



TE Part #170140-6
187 FASTON, FLAG, REC., 16-20 AWG, TPBR



TE Part #1-963539-2
18pos MQS .63 header 90deg



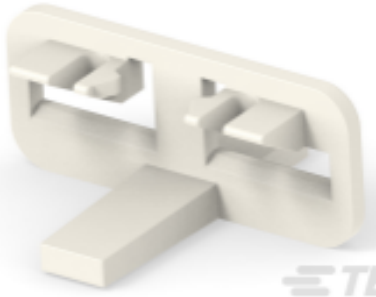
TE Part #CAT-N02-MUC063
MQS 0.63mm Unsealed Connectors



TE Part #1718973-1
JUMPSTART TERMINAL ASSY



TE Part #962904-1
TAB AS 4.8x0.8 CONTACT CS SRC Sn



TE Part #344090-1
2W TAB ANTI-BACKOUT

Documents

Product Drawings
3POS MQS TAB COD A
English

CAD Files
Customer View Model
ENG_CVM_CVM_1-968700-1_B.2d_dxf.zip
English
3D PDF

1-968700-1

12 V, 3 Position, Automotive Housing for Male Terminals, Wire-to-Wire, 2.54 mm [.1 in] Centerline, Black, Wire & Cable, Signal



3D

Customer View Model

[ENG_CVM_CVM_1-968700-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-968700-1_B.3d_stp.zip](#)

English

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Product Specifications

MICRO QUADLOK SYSTEM PIN- AND SOCKET HOUSING WITH INTEGRATED RETAINER

English

[Application Specification](#)

English