



MQS

TE Internal #: 2-967642-1
12 V / 24 V / 48 V, 3 Position, Automotive Housing for Female
Terminals, Wire-to-Wire, 6.2 mm [.244 in] Centerline, Sealable,
Gray, Wire & Cable

[View on TE.com >](#)

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



Nominal Voltage Architecture: 12 V, 24 V, 48 V
Connector & Housing Type: **Housing for Female Terminals**
Number of Positions: 3
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 Female Terminals
Sealable	Yes
Primary Locking Feature	On the Terminal
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	3
Number of Rows	2

Electrical Characteristics

Operating Voltage	50 VDC
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Nominal Voltage Architecture	12 V, 24 V, 48 V
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Body Features

Cable Exit Angle	180 °
Primary Product Color	Gray
Connector & Keying Code	B

Contact Features

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

Mechanical Attachment

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

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	6.2 mm[.244 in]

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
Product Width	15.3 mm[.602 in]
Product Length	20 mm[.787 in]
Connector Height	24.2 mm[.953 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 94V-0
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Packaging Features

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Packaging Quantity	1900
Packaging Method	Bag
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) SVHC > Threshold: Decamethylcyclopentasiloxane (D5) (.5% in M-11123-1) Octamethylcyclotetrasiloxane (D4) (.5% in M-12491-1) Dodecamethylcyclohexasiloxane (D6) (.5% in M-11123-1) Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

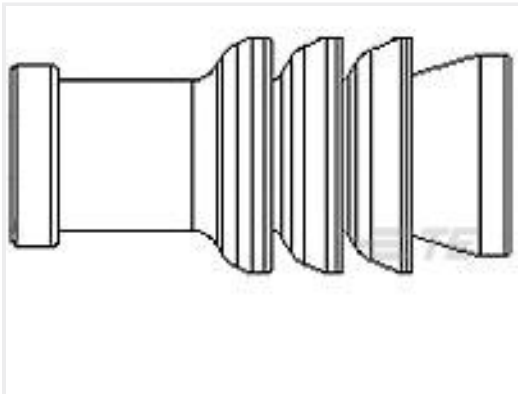
Product Compliance Disclaimer

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



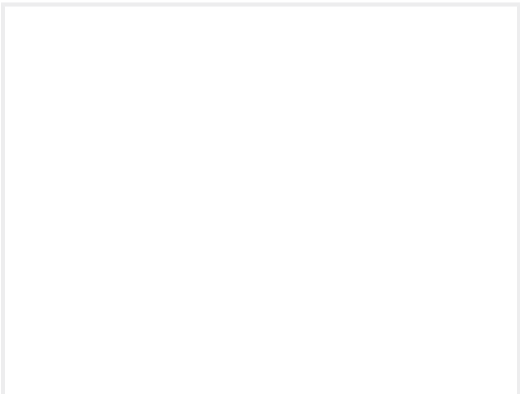
TE Part # 2-968403-1
MQS BU-GEH 3P, GRAU



TE Part # 967067-1
MQS SGL WIRE SEAL



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



TE Part # 968401-1
MQS2.KONT-SICHERUNG



TE Part # CAT-N02-MS063
MQS 0.63mm Sealed Connectors



TE Part # 967056-1
MQS BLINDSTOPFEN4MM



TE Part # 967067-2
MQS EINZELLEITDICHT

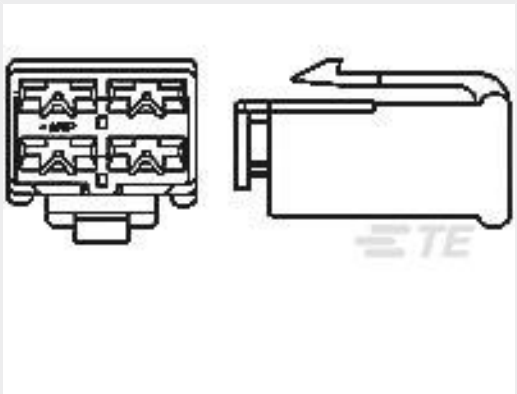


TE Part # CAT-M8793-T273
MQS, RECEPTACLE AND TAB



TE Part # 936459-2
MQS 3P COVER HSG

Customers Also Bought



TE Part # 178004-1
FF 250 PLUG HSG 4P NYLON NAT



TE Part # 1-967167-6
3POS MQS TAB SEALED COD A



TE Part # 5-1747072-5
GRACE INERTIA CONN 2.5 ON TAPE HDR 5P NA



TE Part # 1747591-1
GRACE INERTIA CONN 2.5 REC CONTACT



TE Part # 2321919-2
FRONT TPA PLUG HOUSING, 2 POS



TE Part # 2822395-1
070 ECONOSEAL MARK-2+ PLUG 10P



TE Part # 20019212-00
AST4300W20000P441000-SS: CTO-13000000-03



TE Part # 1326455-1
ASSY, PLUG, 2P SEALED, 2.8 MCP



Documents

Product Drawings

3POS MQS REC SEALED COD B

English

CAD Files

Customer View Model

ENG_CVM_CVM_2-967642-1_F.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-967642-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-967642-1_F.3d_stp.zip

English

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Product Specifications

Application Specification

English

Application Specification

English