

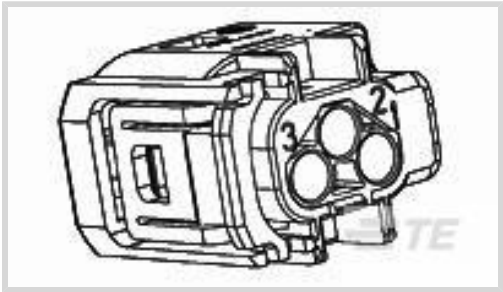


MQS

TE Internal #: 2-967642-1
Housing for Female Terminals, Wire-to-Wire, 3 Position, 6.2 mm [.244 in] Centerline, Sealable, Gray, Wire & Cable, Signal, Cable Mount (Free-Hanging)

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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): **6.2 mm [.244 in]**
Sealable: **Yes**

[All MQS, CONNECTOR HOUSING \(351\)](#)

Features

Product Type Features

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

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 3 |
| Number of Rows | 2 |

Electrical Characteristics

| | |
|------------------------------|--------|
| Operating Voltage | 50 VDC |
| Nominal Voltage Architecture | 50 V |

Body Features

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



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) | 6.2 mm[.244 in] |

Dimensions

| | |
|--------------------|------------------|
| Connector Height | 24.2 mm[.953 in] |
| Product Width | 15.3 mm[.602 in] |
| Product Length | 20 mm[.787 in] |
| Row-to-Row Spacing | 2.54 mm[.1 in] |

Usage Conditions

| | |
|-----------------------------|---|
| Operating Temperature (Max) | 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F] |
| Operating Temperature Range | -40 – 120 °C[-40 – 248 °F] |

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

| | |
|--------------------|------|
| 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 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) 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

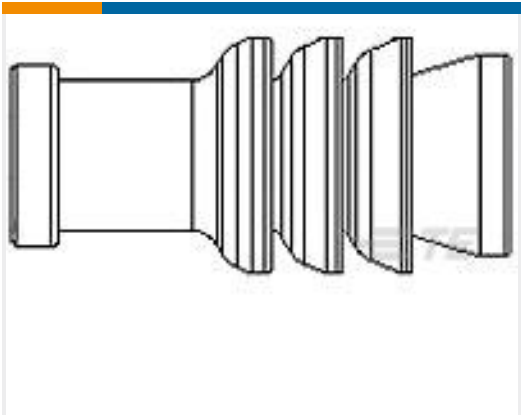
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 967056-1
MQS BLINDSTOPFEN4MM



TE Part # 967067-1
MQS SGL WIRE SEAL



TE Part # 967067-2
MQS EINZELLEITDICHT



TE Part # CAT-M8793-CH8172
MQS, CONNECTOR HOUSING



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

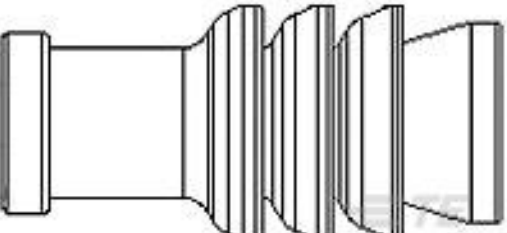


TE Part # 936459-2
MQS 3P COVER HSG

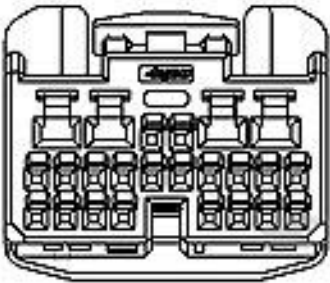
TE Part # 2-968403-1
MQS BU-GEH 3P, GRAU

TE Part # 968401-1
MQS2.KONT-SICHERUNG

Customers Also Bought



TE Part #967067-1
MQS SGL WIRE SEAL



TE Part #1746864-2
0.64III/2.3II 24POS PLUG ASSY



TE Part #CV26026001
RNF-100-3/64-0-55MM



TE Part #1801616-1
FUSES HOLDER 10 MINIFUSES



TE Part #1823894-1
4POS,HSD,CAVITY BLOCK



TE Part #1-1411560-2
ELOSTD R5300Y50



TE Part #1823895-1
HSD, SHIELD, CONTACT



TE Part #CP4904-000
ES2000-NO.1-C1-0-65MM-SH

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

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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Application Specification

English