



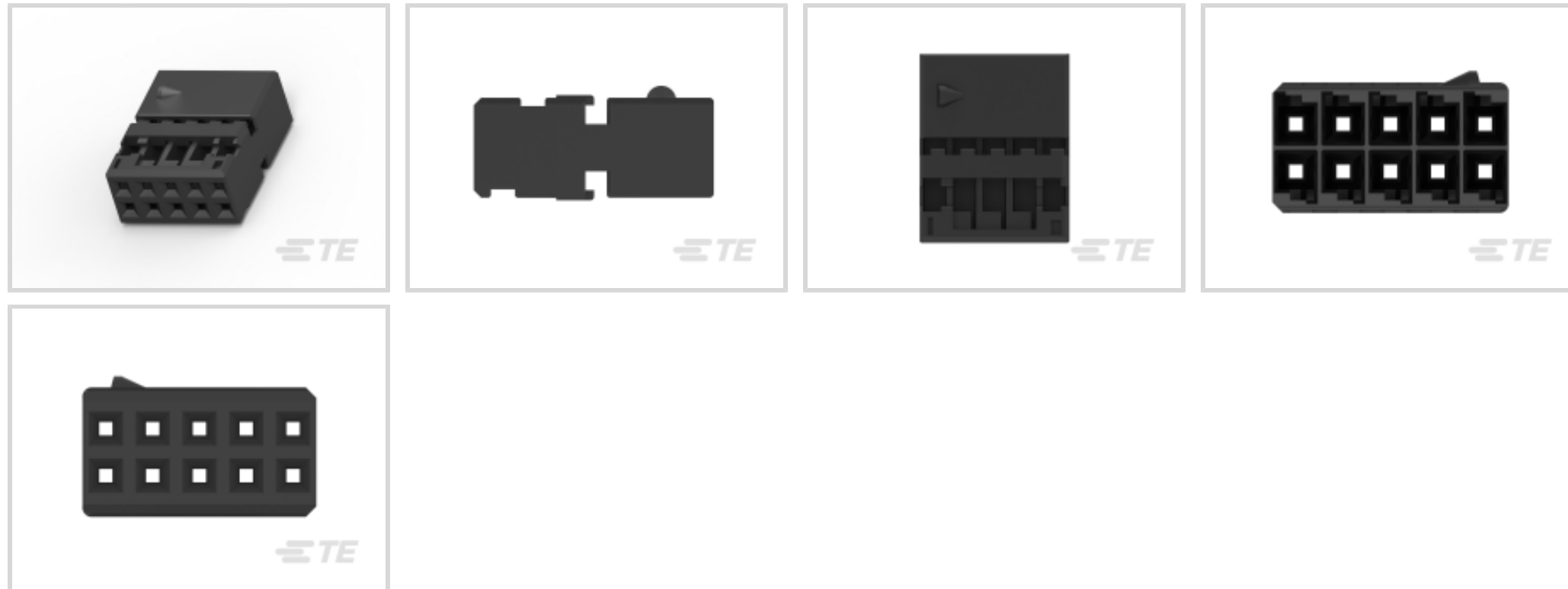
MQS

TE Internal #: 1-968562-2

Housing for Female Terminals, Wire-to-Wire, 10 Position, 2.54 mm [.1 in] Centerline, Black, Wire & Cable, Signal, Cable Mount (Free-Hanging)

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings > MQS, CONNECTOR HOUSING



Connector System: **Wire-to-Wire**

Number of Positions: **10**

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

Centerline (Pitch): **2.54 mm [.1 in]**

Sealable: **No**

[All MQS, CONNECTOR HOUSING \(353\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	10
Number of Rows	2

Housing Features

Centerline (Pitch)	2.54 mm [.1 in]
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Housing Material	PBT GF
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Contact Features

Mating Tab Width	.63 mm[.025 in]
Contact Current Rating (Max)	7.5 A
Contact Size	.63mm
Contact Type	Receptacle

Body Features

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

Operation/Application

Circuit Application	Signal
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Mechanical Attachment

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

Usage Conditions

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

Electrical Characteristics

Nominal Voltage Architecture	12 V
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Other

Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Serviceable	No

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
Product Width	16 mm[.629 in]
Product Length	12.7 mm[.5 in]



Connector Height 7 mm[.275 in]

Packaging Features

Packaging Quantity 4000

Packaging Method Bag

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)
 Does not contain REACH SVHC

Halogen Content Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability Not reviewed 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





Customers Also Bought



Documents

Product Drawings

10POS MQS REC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-968562-2_A_c-1-968562-2-a.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1-968562-2_A_c-1-968562-2-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-968562-2_A_c-1-968562-2-a.3d_stp.zip](#)

English

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