



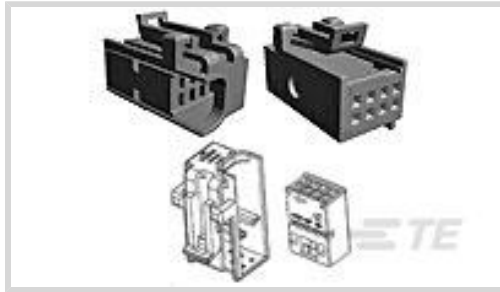
MQS

TE Internal #: 1745000-3

Housing for Female Terminals, Wire-to-Wire, 8 Position, 2.54 mm [.1 in] Centerline, Black, 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: **8**

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	8
Number of Rows	2

Housing Features

Centerline (Pitch)	2.54 mm [.1 in]
Housing Material	PA GF

Contact Features

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



Contact Type	Receptacle
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Body Features

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

Circuit Application	Signal
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Mechanical Attachment

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

Operating Temperature (Max)	85 °C[185 °F]
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Operating Temperature Range	-25 – 85 °C[-13 – 185 °F]
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Electrical Characteristics

Nominal Voltage Architecture	24 V
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Operating Voltage	24 VDC
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Other

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

Row-to-Row Spacing	2.54 mm[.1 in]
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Product Width	11.3 mm[.445 in]
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Product Length	11.3 mm[.445 in]
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Connector Height	16.6 mm[.654 in]
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Packaging Features

Packaging Quantity	2000
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Packaging Method

Box

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 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



Customers Also Bought



Documents

Product Drawings

8POS MQS REC

English

CAD Files

Customer View Model

[ENG_CVM_1745000-3_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1745000-3_B.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1745000-3_B.2d_dxf.zip](#)

English

3D PDF

English

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Product Specifications

Application Specification

English

Application Specification

English