



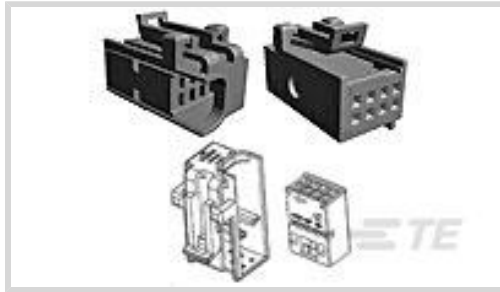
**MQS**

TE Internal #: 1745000-3

Housing for Female Terminals, Wire-to-Wire, 8 Position, .1 in [2.54 mm] 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 \(359\)](#)

**Features**

**Product Type Features**

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
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

**Configuration Features**

Number of Positions	8
Number of Rows	2

**Electrical Characteristics**

Operating Voltage	24 VDC
Nominal Voltage Architecture	24 V

**Body Features**

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



### 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	Polarized
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

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

### Dimensions

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

### Usage Conditions

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

### Operation/Application

Circuit Application	Signal
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### Packaging Features

Packaging Quantity	2000
Packaging Method	Box

### Other

Serviceable	No
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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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



TE Part #1-968307-2  
Timer Connector Housing



TE Part #1-962692-2  
MQS, CONNECTOR HOUSING



TE Part #CZ4488-000  
SCT-NO.4-E2-0-45MM



TE Part #281871-3  
5MM PITCH TAB/RECT CONN



TE Part #T4113411051-000  
M12 M, 5P GOLD B\_CODE RA  
SHIELDED PG7



TE Part #2098963-1  
30 WAY SHIELD ASSEMBLY, KEY AD

## 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

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

### Datasheets & Catalog Pages

#### Micro Quadlok Interconnection System (MQS)

English

### Product Specifications

#### Application Specification

English

#### Application Specification

English

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