



MQS

TE Internal #: 1745000-3
8 Position Housing, Housing for Female Terminals, Wire-to-Wire,
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



Number of Positions: 8
Connector & Housing Type: **Housing for Female Terminals**
Mating Tab Width: .63 mm [.025 in]
Connector System: **Wire-to-Wire**
Centerline (Pitch): 2.54 mm [.1 in]

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

Features

Dimensions

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

Packaging Features

Packaging Quantity	2000
Packaging Method	Box

Mechanical Attachment

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

Other

Serviceable	No
Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant



EU ELV Compliance	Compliant
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
Housing Features	
Housing Material	PA GF
Centerline (Pitch)	2.54 mm[.1 in]
Contact Features	
Contact Size	.63mm
Contact Type	Receptacle
Mating Tab Width	.63 mm[.025 in]
Contact Current Rating (Max)	7.5 A
Product Type Features	
Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	No
Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	8
Number of Rows	2
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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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



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



TE Part # 284923-1
LOCKING COVER FOR 8 POS. MQS CONTACT

Customers Also Bought



TE Part #CAT-T4827-CH8172
Timer Connector Housing



TE Part #5-963715-1
MQS0,63 Sn rec LL unseal. 0,5-0,75



TE Part #282480-1
DOOR TO BOPDY F



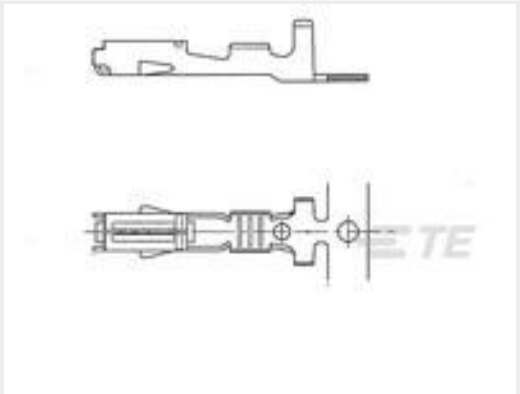
TE Part #284875-2
20 POS FEMALE CONN ASSY



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



TE Part #T4113411051-000
M12 M, 5P GOLD B_CODE RA SHIELDED PG7



TE Part #282225-1
ECONOSEAL RCPT CONT. 1,0-1,5

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