### MQS

TE Internal #: 284224-1

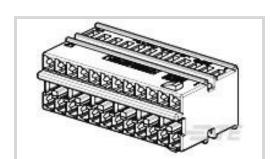
Housing for Female Terminals, Wire-to-Board, 24 Position, 2.54 mm [.1 in] Centerline, Gray, Wire & Cable, Signal, Cable Mount (Free-

Hanging)

View on TE.com >



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



Connector System: Wire-to-Board

Number of Positions: 24

Connector & Housing Type: Housing for Female Terminals

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

Sealable: No

### All MQS, CONNECTOR HOUSING (360)

## **Features**

## **Product Type Features**

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Board
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	24
Number of Rows	2
Electrical Characteristics	
Operating Voltage	24 VDC
Nominal Voltage Architecture	24 V
Body Features	
Cable Exit Angle	180°
Primary Product Color	Gray



### **Contact Features**

Contact Size	.63mm
Contact Type	Receptacle
Mating Tab Width	.64 mm[.025 in]
Contact Current Rating (Max)	.75 A

### Mechanical Attachment

Terminal Position Assurance	No
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 mm[.63 in]
Product Width	12.5 mm[.492 in]
Product Length	31.1 mm[1.224 in]
Row-to-Row Spacing	5.2 mm[.205 in]

# **Usage Conditions**

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C[158 °F][167 °F][176 °F][185 °F][194 °F] [212 °F][221 °F]
Operating Temperature Range	-30 - 105 °C[-22 - 221 °F]

# Operation/Application

	Circuit Application	Signal	
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# Packaging Features

Packaging Method	Bag	

### 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: 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 # 1703540-1 CONNECTOR,24W AIRBAG FRAME, ASSY,CODB





# Customers Also Bought



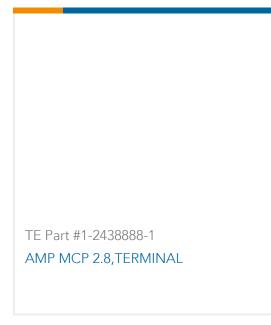














## **Documents**

### **Product Drawings**

24 POS. REC. CONN. ASS 'Y FOR AIR BAG

### **CAD Files**

Customer View Model

ENG\_CVM\_CVM\_284224-1\_A.2d\_dxf.zip

English

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_284224-1\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_284224-1\_A.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of us

Housing for Female Terminals, Wire-to-Board, 24 Position, 2.54 mm [.1 in] Centerline, Gray, Wire & Cable, Signal, Cable Mount (Free-Hanging)



**Product Specifications** 

**Product Specification** 

English

**Instruction Sheets** 

Instruction Sheet (non U.S.)

English