



AMP | MQS

TE Internal #: 1241765-2

Housing for Female Terminals, Wire-to-Board, 16 Position, .1 in [2.54 mm] Centerline, Black, Wire & Cable, Signal, Cable Mount (Free-Hanging), MQS

[View on TE.com >](#)

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



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

Mating Tab Width: **2.8 mm [ .11 in ]**

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

Number of Positions: **16**

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

[All MQS, CONNECTOR HOUSING \(571\)](#)

**Features**

**Product Type Features**

Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board
Sealable	No
Hybrid Connector	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

**Configuration Features**

Number of Positions	16
---------------------	----

**Electrical Characteristics**

Nominal Voltage Architecture	24 V
------------------------------	------

**Body Features**



Cable Exit Angle	180°
Primary Product Color	Black

### Contact Features

Contact Size	2.8mm
Contact Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Contact Current Rating (Max)	6 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

Row-to-Row Spacing	5.5 mm[.216 in]
--------------------	-----------------

### Usage Conditions

Operating Temperature (Max)	130 °C[266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 26 °F]

### Operation/Application

Circuit Application	Signal
---------------------	--------

### Packaging Features

Packaging Quantity	400
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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 # 2-1355524-3  
MQS ABDECKKAPPE 12P



TE Part # 1-1355524-3  
MQS ABDECKKAPPE 12P



TE Part # CAT-DCH2623  
Data Connectivity Header



TE Part # CAT-M8793-T273  
MQS, RECEPTACLE AND TAB



TE Part # CAT-LMPH9507  
Low & Medium Power Header



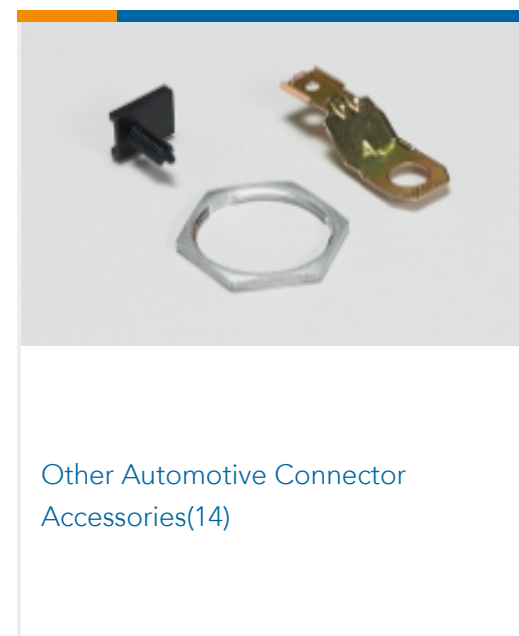
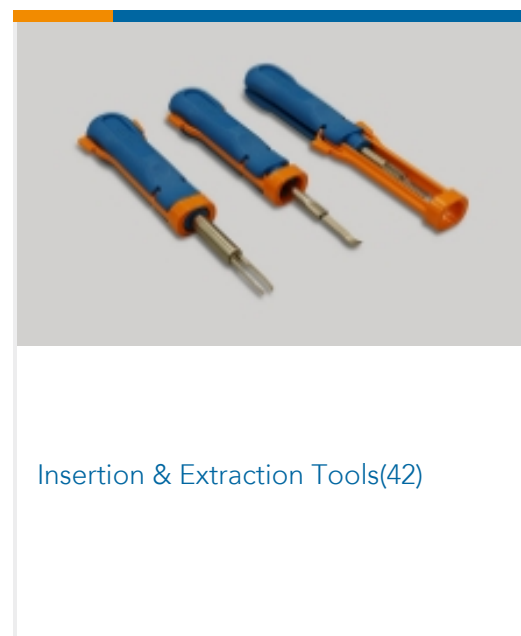
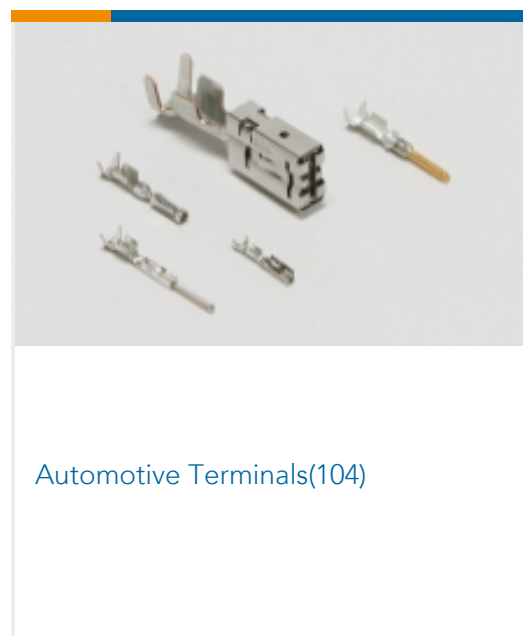
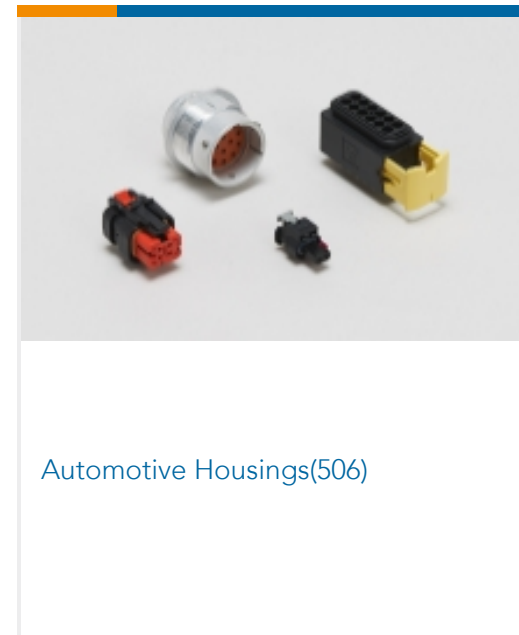
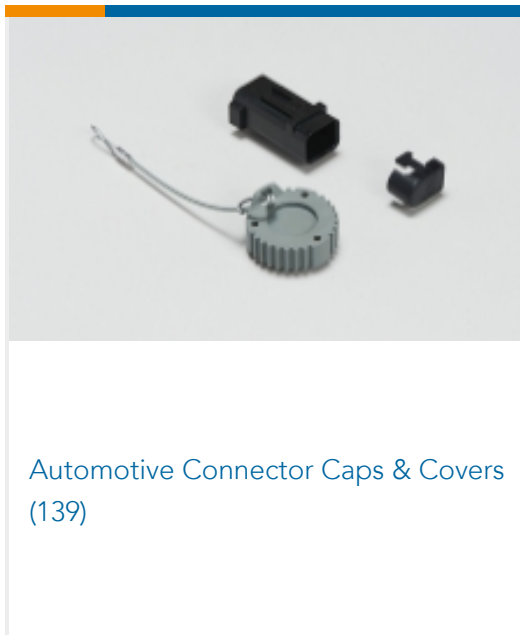
TE Part # 2208788-1  
52POS, MIXED,HEADER ASSY



TE Part # 1823373-1  
16POS,TAB 2.8X0.8,TAB HSG

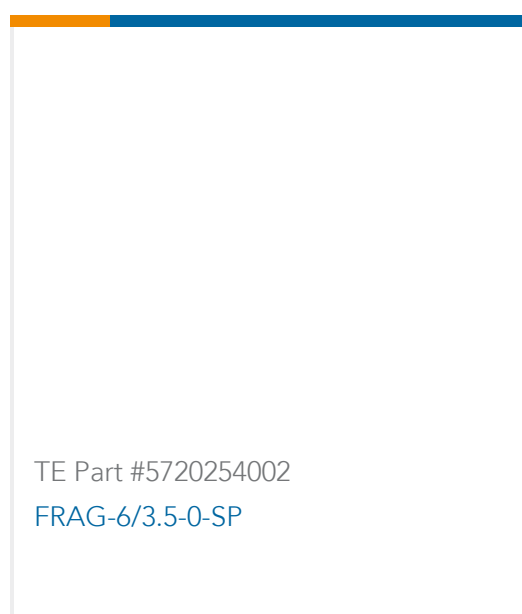


Also in the Series | MQS



Customers Also Bought





## Documents

### Product Drawings

#### 16POS MIXED MQS REC

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_1241765-2\\_F.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1241765-2\\_F.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1241765-2\\_F.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

#### Connector with optical contacts (MOST) and electrical contacts

English

#### Application Specification

English

1241765-2

Housing for Female Terminals, Wire-to-Board, 16 Position, .1 in [2.54 mm] Centerline,  
Black, Wire & Cable, Signal, Cable Mount (Free-Hanging), MQS

