



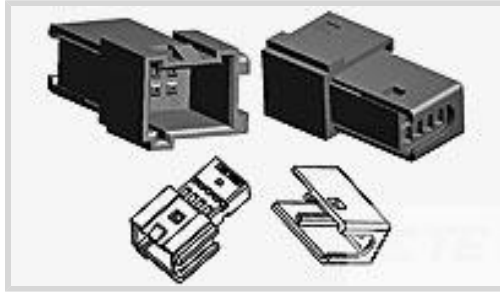
**MQS**

TE Internal #: 284869-2

MQS, Housing for Male Terminals, Wire-to-Wire, 8 Position, .1 in [2.54 mm] Centerline, Gray, Signal, -13 – 185 °F [-25 – 85 °C]

[View on TE.com >](#)

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



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

Mating Tab Width: **.63 mm [ .025 in ]**

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

Number of Positions: **8**

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

[All MQS, CONNECTOR HOUSING \(575\)](#)

**Features**

**Product Type Features**

Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	No
Hybrid Connector	No
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	12 V, 24 V

**Body Features**

Cable Exit Angle	180°
Body Material	PBT GF
Primary Product Color	Gray

**Contact Features**

Mating Tab Width	.63 mm[.025 in]
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### Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	No

### Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
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### Dimensions

Product Width	13.7 mm[.539 in]
Product Length	16.7 mm[.657 in]
Product Height	28.5 mm[1.122 in]
Row-to-Row Spacing	3 mm[.118 in]

### Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C[158 °F][167 °F] [176 °F][185 °F]
Operating Temperature Range	-25 – 85 °C[-13 – 185 °F]

### Operation/Application

Circuit Application	Signal
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### Packaging Features

Packaging Quantity	1000
Packaging Method	Box

### Other

Serviceable	Yes
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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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

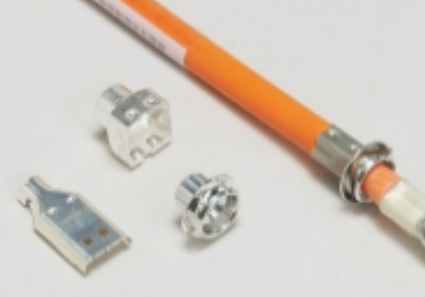


TE Part # 5-963716-1  
MQS0,63 Sn tab LL unseal. 0,5-0,75

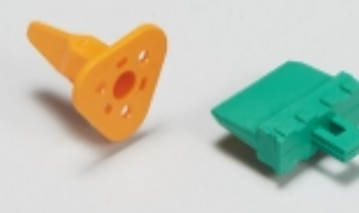
## Also in the Series | MQS




Automotive Connector Caps & Covers (132)



Automotive Connector EMC Shielding (2)



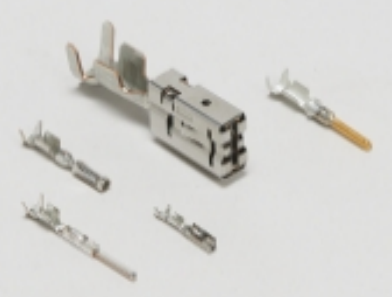
Automotive Connector Locks & Position Assurance(29)




Automotive Housings(501)




Automotive Seals & Cavity Plugs(26)



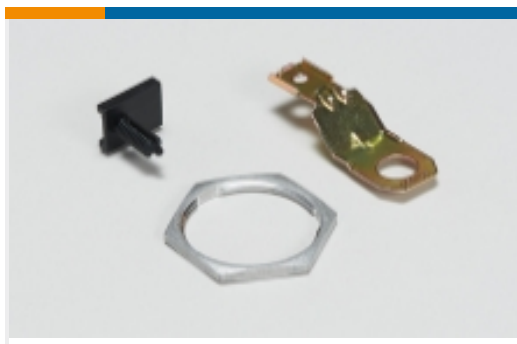
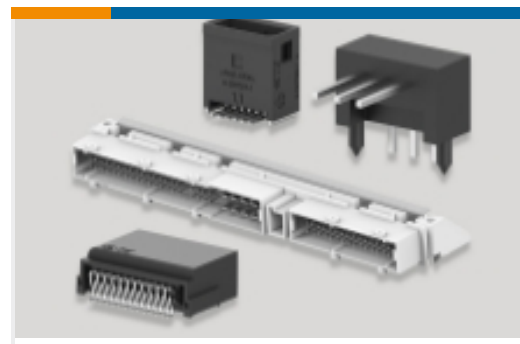
Automotive Terminals(93)



Data Connectivity Headers(1)



Insertion & Extraction Tools(42)

Other Automotive Connector  
Accessories(13)

PCB Headers &amp; Receptacles(206)

## Customers Also Bought

TE Part #281695-3  
HEADER HE14 STRAIGHT 3 PTE Part #1745000-3  
MQS, CONNECTOR HOUSINGTE Part #130014  
PG R 22-16 5MMTE Part #282189-2  
SPLASH PROOF CONN. W.S.L.TE Part #1123721-1  
EP CONN. REC CONTACTTE Part #521204-5  
HSG, POS LOC, MARKIII, 250 SRS, 2PTE Part #1901798-1  
CCII LOCKING CLIP 24-20 ASSY

TE Part #1745062-1

## Documents

### Product Drawings

#### 8POS MQS TAB

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_284869-2\\_A.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_284869-2\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_284869-2\\_A.3d\\_stp.zip](#)

English

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



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## Datasheets & Catalog Pages

### Micro Quadlok Interconnection System (MQS)

English

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## Product Specifications

### 8 POSITIONS MICRO QUADLOK SYSTEM

English

### Product Specification

English

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## Product Environmental Compliance

### Product Compliance

English

### Product Compliance

English