

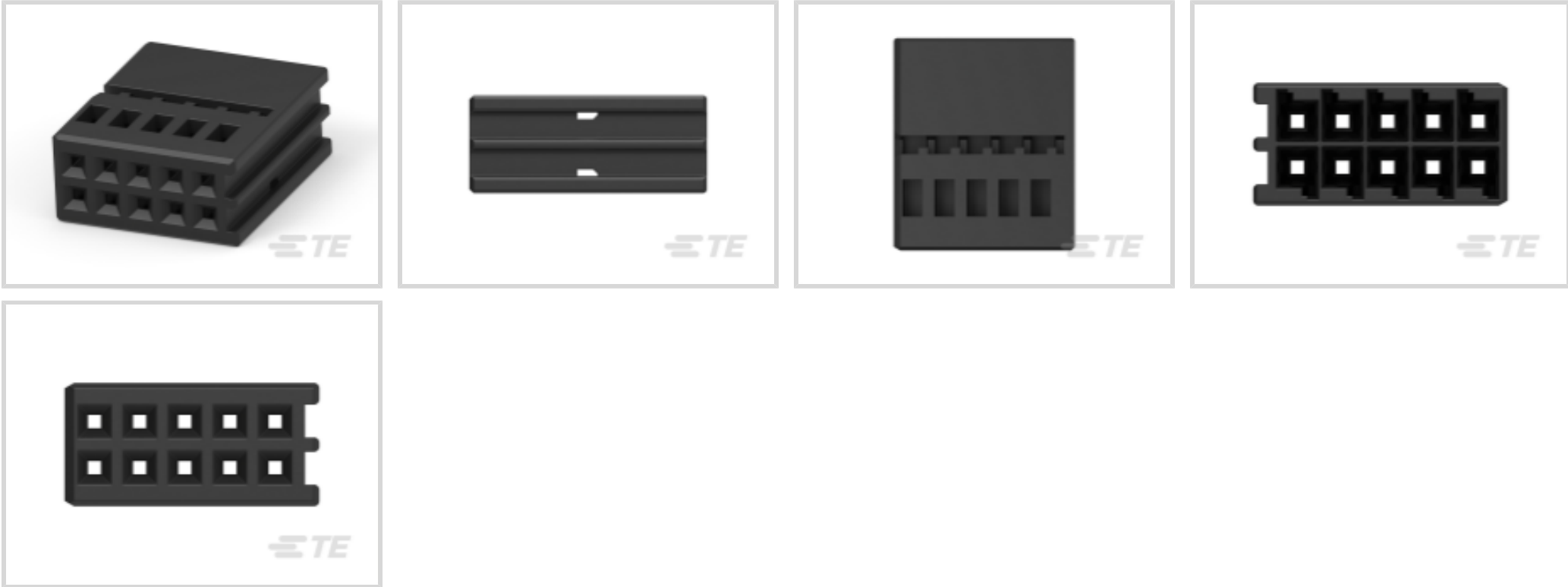


MQS

TE Internal #: 1534125-1  
12 V, 10 Position, Automotive Housing for Female Terminals, Wire-to-Board, 2.5 mm [.098 in] Centerline, Black, Wire & Cable, Signal

[View on TE.com >](#)

Automotive Parts > Automotive Connectors > Automotive Housings > MQS 0.63mm Unsealed Connectors



Nominal Voltage Architecture: 12 V  
Connector & Housing Type: **Housing for Female Terminals**  
Number of Positions: 10  
Sealable: No  
Operating Temperature Range: -40 – 120 °C [ -40 – 248 °F ]

[All MQS 0.63mm Unsealed Connectors \(140\)](#)

Features

Product Type Features

|                                   |                              |
|-----------------------------------|------------------------------|
| Mixed & Hybrid Connector          | No                           |
| Connector Shape                   | Rectangular                  |
| Connector & Housing Type          | Housing for Female Terminals |
| Sealable                          | No                           |
| Primary Locking Feature           | On the Terminal              |
| Connector System                  | Wire-to-Board                |
| Connector & Contact Terminates To | Wire & Cable                 |

Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 10 |
| Number of Rows      | 2  |

Electrical Characteristics

|                              |        |
|------------------------------|--------|
| Operating Voltage            | 12 VDC |
| Nominal Voltage Architecture | 12 V   |



Body Features

|                         |         |
|-------------------------|---------|
| Cable Exit Angle        | 180 °   |
| Primary Product Color   | Black   |
| Connector & Keying Code | Neutral |

Contact Features

|                              |                 |
|------------------------------|-----------------|
| Contact Size                 | .63mm           |
| Contact Type                 | Receptacle      |
| Mating Tab Width             | .63 mm[.025 in] |
| Contact Current Rating (Max) | 7.5 A           |

Mechanical Attachment

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

Housing Features

|                    |                 |
|--------------------|-----------------|
| Housing Material   | PBT GF15        |
| Centerline (Pitch) | 2.5 mm[.098 in] |

Dimensions

|                    |                  |
|--------------------|------------------|
| Row-to-Row Spacing | 4.24 mm[.167 in] |
| Product Width      | 16.5 mm[.65 in]  |
| Product Length     | 14.1 mm[.555 in] |
| Connector Height   | 6.8 mm[.268 in]  |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 120 °C[-40 – 248 °F] |
| Operating Temperature (Max) | 120 °C[248 °F]             |

Operation/Application

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

Industry Standards

|                        |         |
|------------------------|---------|
| UL Flammability Rating | UL 94HB |
|------------------------|---------|

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 7504 |
|--------------------|------|



|                                      |     |
|--------------------------------------|-----|
| 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold                                                                         |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F < 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 # 1-1534170-2  
MQS ABDECKKAPPE2X5P



TE Part # 1534171-1  
MQS ABDECKKAPPE2X5P



TE Part # 1-1534171-1  
MQS COVER 2X5P



TE Part # 969587-1  
MOD2 PIN HEADER 2X5P



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



TE Part # 1-1534170-1  
MQS ABDECKKAPPE2X5P



TE Part # CAT-N01-MT063  
MQS 0.63mm Terminals

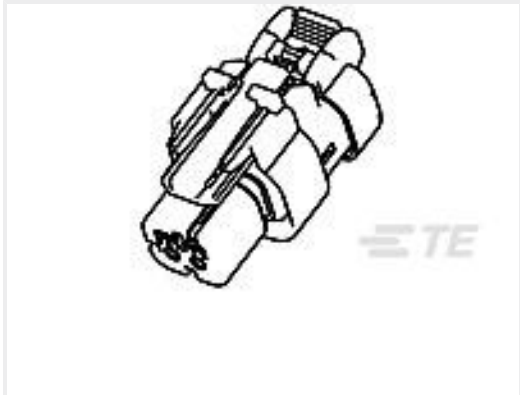
Customers Also Bought



TE Part #66740-7  
TYPE XII FEMALE CONT (STRIP)



TE Part #353376-3  
SQUIB CONT 1MM PIN DIA SOCKET



TE Part #776522-4  
AS16,PLUG ASSY,ST,02P,E SEAL, CODE D



TE Part #964286-2  
JPT A REC 2.8 Contact SWS Sn



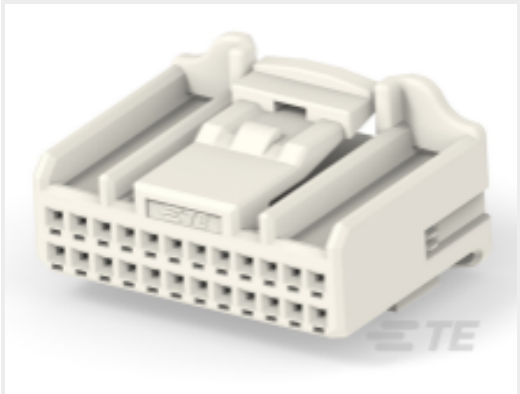
TE Part #1719183-1  
8POS MQS REC COD A



TE Part #1-1719386-1  
AMP MCP 9.5, CONTACT



TE Part #2209954-1  
AIRBAG 24P COVER ASSY



TE Part #2321519-1  
24POS,TH 025,REC HSG ASSY,UNSLD



TE Part #1-2359439-1  
PLASTIC CARRIER,25POS,CODE A



TE Part #936092-1  
090III 10P PLUG ASSY

Documents



Product Drawings

MQS SOCKET HSG 5P

English

CAD Files

Customer View Model

ENG\_CVM\_1534125-1\_A2.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_1534125-1\_A2.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_1534125-1\_A2.2d\_dxf.zip

English

3D PDF

English

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

Product Specifications

Application Specification

English