



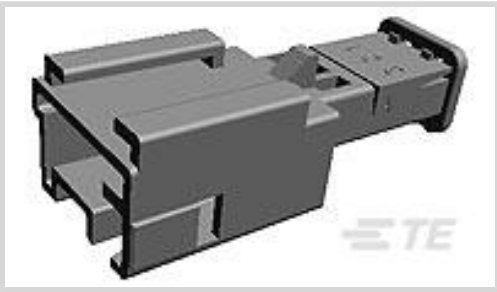
**MQS**

TE Internal #: 953698-3

Housing for Male Terminals, Wire-to-Wire, 3 Position, 2.54 mm [.1 in] Centerline, Blue, Wire & Cable, Signal, Cable Mount (Free-Hanging)

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



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

Number of Positions: **3**

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

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

Sealable: **No**

[All MQS, CONNECTOR HOUSING \(351\)](#)

Features

Product Type Features

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

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 3 |
| Number of Rows      | 1 |

Electrical Characteristics

|                              |        |
|------------------------------|--------|
| Operating Voltage            | 24 VDC |
| Nominal Voltage Architecture | 24 V   |

Body Features

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



Contact Features

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

Mechanical Attachment

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

Housing Features

|                    |                |
|--------------------|----------------|
| Housing Material   | PBT GF         |
| Centerline (Pitch) | 2.54 mm[.1 in] |

Dimensions

|                  |                  |
|------------------|------------------|
| Connector Height | 10.4 mm[.409 in] |
| Product Width    | 33.7 mm[1.32 in] |
| Product Length   | 13.9 mm[.547 in] |

Usage Conditions

|                             |                                                                |
|-----------------------------|----------------------------------------------------------------|
| Operating Temperature (Max) | 70 °C, 75 °C, 80 °C, 85 °C[158 °F][167 °F]<br>[176 °F][185 °F] |
| Operating Temperature Range | -40 – 85 °C[-40 – 185 °F]                                      |

Operation/Application

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

Industry Standards

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

Packaging Features

|                  |     |
|------------------|-----|
| 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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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 reviewed 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 # 953697-3  
3POS MQS REC



TE Part # 144969-2  
MQS0,63 Au rec LL unseal. 0,2-0,6

Customers Also Bought





TE Part #953698-1  
MQS, CONNECTOR HOUSING

TE Part #1-1801175-1  
2W RECEPTACLE HP CONNECTOR  
BLACK

TE Part #1544454-1  
CLIP 6.35 MM SECUR

TE Part #1801175-3  
2W RECEPTACLE HP CONNECTOR  
GREY

TE Part #1-1801175-6  
2W RECEPTACLE HP CONNECTOR  
BROWN

TE Part #1801174-2  
2W TAB HP CONNECTOR BLUE

TE Part #1801175-6  
2W RECEPTACLE HP CONNECTOR  
BROWN

Documents

Product Drawings

3POS MQS TAB

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_953698-3\_E\_c-953698-3-e.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_953698-3\_E\_c-953698-3-e.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_953698-3\_E\_c-953698-3-e.3d\_stp.zip

English

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

Product Specifications

Process Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English