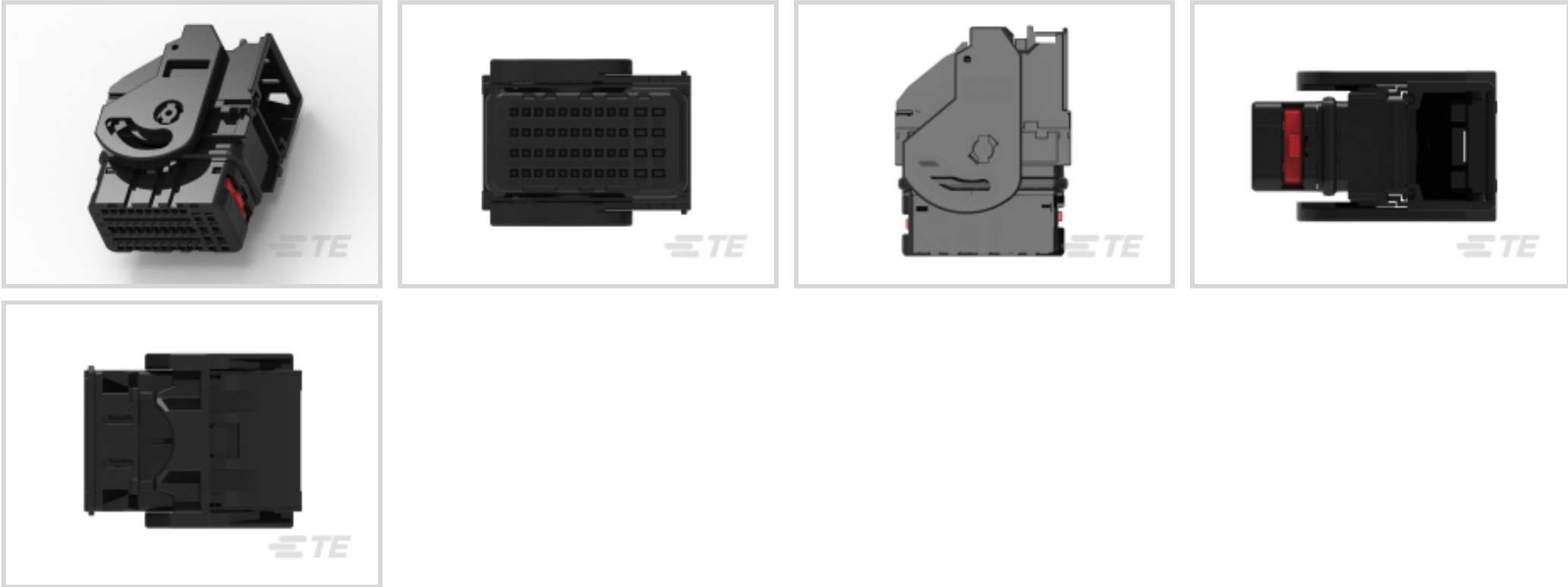




Connectors > Automotive Connectors > Automotive Housings > MQS, CONNECTOR HOUSING



Connector System: Wire-to-Board, Wire-to-Device

Number of Positions: 48

Connector & Housing Type: Housing for Female Terminals

Sealable: Yes

Mating Tab Width: .64 mm [.025 in]

[All MQS, CONNECTOR HOUSING \(435\)](#)

Features

Product Type Features

|                          |                               |
|--------------------------|-------------------------------|
| Mixed & Hybrid Connector | Yes                           |
| Connector System         | Wire-to-Board, Wire-to-Device |
| Connector & Housing Type | Housing for Female Terminals  |
| Sealable                 | Yes                           |
| Primary Locking Feature  | Integrated in Housing         |

Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 48 |
| Number of Rows      | 4  |

Body Features

|                  |     |
|------------------|-----|
| Cable Exit Angle | 90° |
|------------------|-----|

Contact Features

|                  |                 |
|------------------|-----------------|
| Contact Type     | Receptacle      |
| Mating Tab Width | .64 mm[.025 in] |



Mechanical Attachment

|                             |           |
|-----------------------------|-----------|
| Terminal Position Assurance | Yes       |
| Strain Relief               | Without   |
| Mating Alignment Type       | Polarized |

Usage Conditions

|                             |                                                                                                                                           |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Operating Temperature (Max) | 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F] |
| Operating Temperature Range | -40 - 120 °C[-40 - 248 °F]                                                                                                                |

Operation/Application

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

Industry Standards

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

Packaging Features

|                    |        |
|--------------------|--------|
| Packaging Quantity | 110    |
| Packaging Method   | Carton |

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 2024 (240)<br>Not Yet Reviewed                     |
| 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # CAT-A11-T273

1.5/2.8 CONNECTOR SYSTEM, RECPT AND TAB

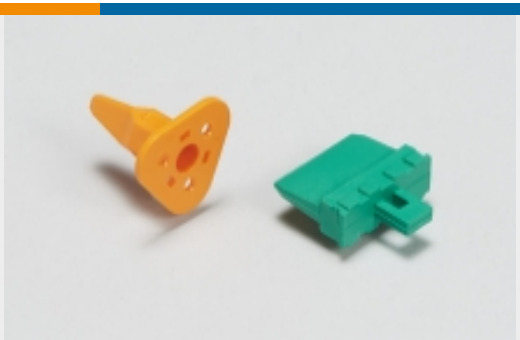
Also in the Series | MQS



Automotive Connector Caps & Covers  
(113)



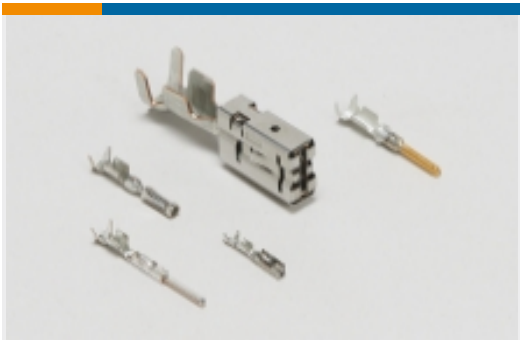
Automotive Connector EMC Shielding  
(3)



Automotive Connector Locks & Position Assurance(26)



Automotive Housings(379)



Automotive Terminals(88)



Connector Seals & Cavity Plugs(27)



Insertion & Extraction Tools(42)



Other Automotive Connector Accessories(7)



Customers Also Bought

Documents

- Product Drawings

48 POS MIXED REC HSG BK W/ COV

English
- CAD Files

Customer View Model

ENG\_CVM\_CVM\_2137489-1\_A.2d\_dxf.zip

English
- 3D PDF



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2137489-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2137489-1\\_A.3d\\_stp.zip](#)

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

English