



MQS

TE Internal #: 2137489-1
48 Position Housing, Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 2.5 mm / 3.7 mm [.09 in / .14 in] Centerline, Sealable
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Connectors > Automotive Connectors > Automotive Housings > MQS, CONNECTOR HOUSING



Number of Positions: 48
Connector & Housing Type: Housing for Female Terminals
Mating Tab Width: .64 mm [.025 in]
Connector System: Wire-to-Board, Wire-to-Device
Centerline (Pitch): 2.5 mm, 3.7 mm [.09 in, .14 in]

[All MQS, CONNECTOR HOUSING \(352\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	48
Number of Rows	4

Body Features

Cable Exit Angle	90°
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Contact Features

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

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Polarized

Housing Features

Centerline (Pitch)	2.5 mm, 3.7 mm[.09 in][.14 in]
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Dimensions

Product Width	37.35 mm[1.47 in]
Row-to-Row Spacing	4.2 mm[.16 in]
Product Length	51.5 mm[2.02 in]
Connector Height	34.4 mm[1.35 in]

Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Method	Carton
Packaging Quantity	110

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 2025 (247) Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC



Free

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


Customers Also Bought




TE Part #2301238-1
DTB PLUG HSG ASSY, 49POSN., FAKRA TYPE




TE Part #1813271-3
SEALED MT2 PLUG HOUSING ASSEMBLY



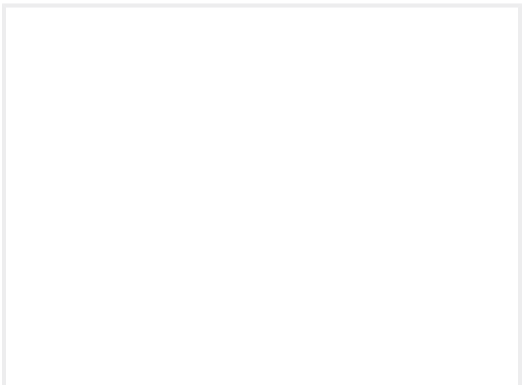
TE Part #1411576-1
ELO 0.63, CONTACT




TE Part #CAT-M8793-CH8172
MQS, CONNECTOR HOUSING




TE Part #2005575-1
060/110/250 LIF 38P PLUG ASSY WHI



TE Part #2-2355514-1
4POS,MCON 1.2,REC HSG ASSY,SLD



TE Part #2278706-8
6POS, AMP MCP 1.5K, REC HSG, ASSY



TE Part #2-2355507-1
3POS,MCON 1.2,REC HSG ASSY,SLD, COD A



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

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Product Specifications

English