



MQS

TE Internal #: 1473244-1
12 V, 81 Position, Automotive Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 2.54 mm / 2.9 mm [.1 in / .11 in]
Centerline, Sealable

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Automotive Parts > Automotive Connectors > Automotive Housings > MQS Mixed Connectors Signal-Power



Nominal Voltage Architecture: 12 V
Connector & Housing Type: **Housing for Female Terminals**
Number of Positions: **81**
Sealable: **Yes**
Operating Temperature Range: **-40 – 120 °C [-40 – 248 °F]**

[All MQS Mixed Connectors Signal-Power \(41\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	81
Number of Rows	5

Electrical Characteristics

Nominal Voltage Architecture	12 V
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Body Features

Cable Exit Angle	90 °
Primary Product Color	Black

Contact Features

Contact Size	.64mm, 2.8mm
Contact Type	Receptacle
Mating Tab Width	.64 mm, 2.8 mm [.025 in][.11 in]

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	2.54 mm, 2.9 mm [.1 in][.11 in]
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Dimensions

Row-to-Row Spacing	2.54 mm, 5 mm [.1 in][.19 in]
Product Width	31 mm [1.22 in]
Product Length	76.4 mm [3 in]
Connector Height	37.4 mm [1.47 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	30
Packaging Method	Tray

Other

Serviceable	No
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) Candidate List Declared Against: JUNE 2025 (250) 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 # 368380-1
SEAL RETAINER FOR 81P BLACK

TE Part # 1473250-1
MOS 81P LEVER(L) ASSY

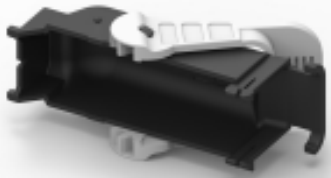
TE Part # 368382-1
MOS RETAINER HSG FOR 81P

TE Part # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB

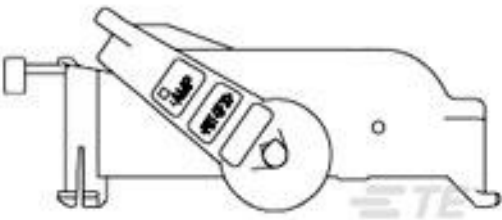




TE Part # CAT-HPCH5372
High Pin Count Header

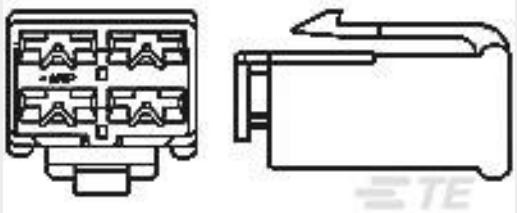


TE Part # 1473247-2
MQS 81P LEVER(R) ASSY



TE Part # 1473247-1
MQS 81P LEVER(R) ASSY

Customers Also Bought



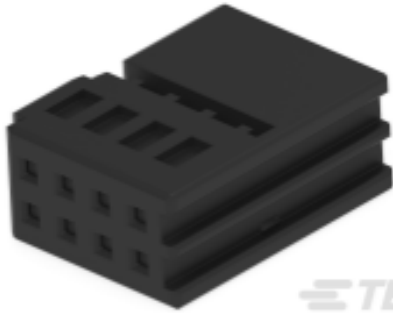
TE Part #178004-2
FF 250 PLUG HSG 4P NYLON BLACK



TE Part #3-644043-6
06P MTA100 CONN ASSY LF



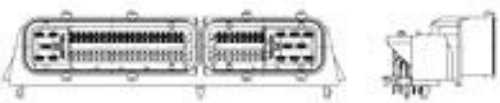
TE Part #CAT-M8793-T273
MQS, RECEPTACLE AND TAB



TE Part #1418789-1
8POS MQS REC



TE Part #1418850-2
MCON 1.2 CB REC SWS AU



TE Part #1241434-1
121pos hybrid MQS .63 header 90deg



TE Part #81568-000
VS-X1030-E SILVER PLATED TERMI



TE Part #2137755-1
Tilted cover for 94P ECU connector

Documents

Product Drawings
MQS REC 81P ASSY

Japanese

CAD Files
Customer View Model
ENG_CVM_CVM_1473244-1_A1.3d_stp.zip

English

Customer View Model
ENG_CVM_CVM_1473244-1_A1.3d_igs.zip

English

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1473244-1_A1.2d_dxf.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.



Product Specifications

Application Specification

English

Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

Japanese