1534101-1 ✔ ACTIVE

MQS

TE Internal #: 1534101-1

12 V, 16 Position, Automotive Housing for Female Terminals, Wire-to-Board, 2.5 mm [.098 in] Centerline, Black, Wire & Cable, Signal

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







Nominal Voltage Architecture: **12 V**

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

Number of Positions: **16**

Sealable: **No**

Operating Temperature Range: **-40 – 120 °C [-40 – 248 °F]**

All MQS, CONNECTOR HOUSING (339)

Features

Product Type Features

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

Configuration Features

Number of Positions	16
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 GF
Centerline (Pitch)	2.5 mm[.098 in]

Dimensions

Row-to-Row Spacing	4.24 mm[.167 in]
Product Width	16.2 mm[.638 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	5000
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) 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 # 1-1534097-1
MQS COVER 2X8P



TE Part # 1-1534094-1
MQS ABDECKKAPPE2X8P



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



TE Part # 966870-1
MOD2 ST-WANNE 2X 8P

Customers Also Bought



TE Part #364240-E
SRCBUG A 2,54 2 6 CSI 112 E1 ADV J 2 324



TE Part #6-1355134-1
VERRIEGLUNG F94P



TE Part #6-1355135-1
VERRIEGLUNG F.94P



TE Part #1-1534097-1
MQS COVER 2X8P



TE Part #CAT-AM705-CH8173
AMP Unsealed Connector Housing



TE Part #2324808-1
2POS,MCON 1.2,REC HSG ASSY,SLD, COD A



TE Part #2396217-1
66POS,HYBRID,REC HSG ASSY,SLD, COD A



TE Part #1326455-1
ASSY, PLUG, 2P SEALED, 2.8 MCP



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

Documents

Product Drawings

16POS MQS REC

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1534101-1_A2.3d_igs.zip

English

Customer View Model

ENG_CVM_1534101-1_A2.3d_stp.zip

English

Customer View Model

ENG_CVM_1534101-1_A2.2d_dxf.zip

English

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Product Specifications

Application Specification

English