

TE Internal #: 1534101-1  
Housing for Female Terminals, Wire-to-Board, 16 Position, .098 in [2.5 mm] Centerline, Black, Wire & Cable, Signal, Cable Mount (Free-Hanging), MQS

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



Connector System: **Wire-to-Board**  
Number of Positions: **16**  
Connector & Housing Type: **Housing for Female Terminals**  
Centerline (Pitch): **2.5 mm [ .098 in ]**  
Sealable: **No**

[All MQS, CONNECTOR HOUSING \(573\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	16
Number of Rows	2

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V, 24 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

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

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	2.5 mm[.098 in]

Dimensions

Connector Height	6.8 mm[.268 in]
Product Width	16.2 mm[.638 in]
Row-to-Row Spacing	4.24 mm[.167 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94HB
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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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 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 # 966870-1  
MOD2 ST-WANNE 2X 8P



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



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



TE Part # 1989743-1  
HEADER MODU II 2X8 POSN ASSY

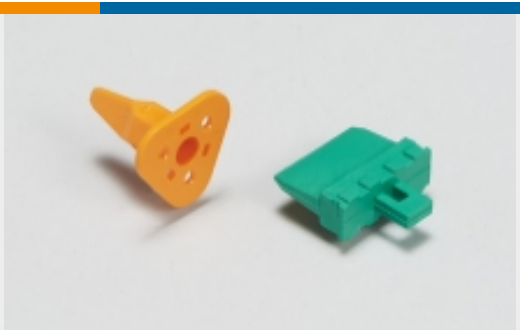
Also in the Series | MQS



Automotive Connector Caps & Covers  
(138)



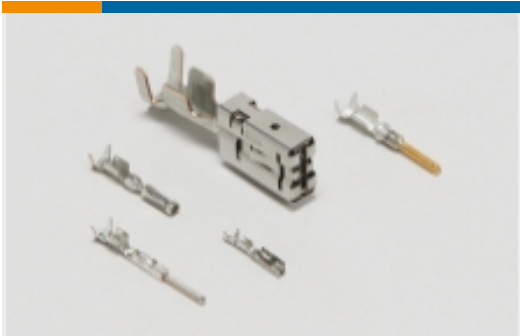
Automotive Connector EMC Shielding  
(3)



Automotive Connector Locks &  
Position Assurance(30)



Automotive Housings(507)



Automotive Terminals(104)



Connector Seals & Cavity Plugs(31)



Insertion & Extraction Tools(42)



Other Automotive Connector  
Accessories(10)

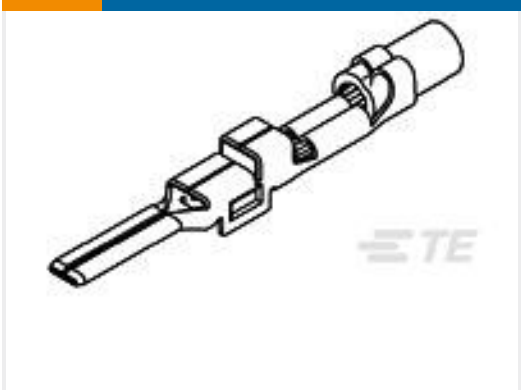


PCB Headers & Receptacles(213)

Customers Also Bought



TE Part #936204-1  
090III 18P PLUG ASSY



TE Part #368087-1  
090II NON SLD TAB(SQ0.85-1.25)



TE Part #2109050-3  
HYB 58P CAP ASSY CLIP TYPE



TE Part #2137352-4  
AMP-MCP 2.8mm TAB HOUSING,  
18POS



TE Part #1-1534121-3  
MQS ABDECKKAP6P,RT



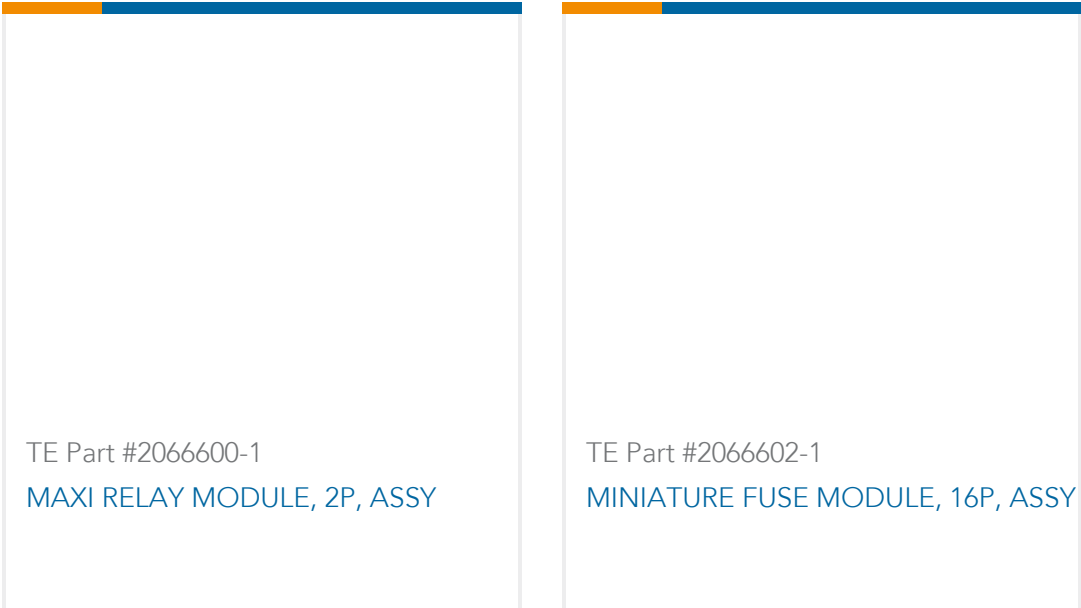
TE Part #1-1534093-1  
MQS COVER 2X6 POS



TE Part #1-2355515-1  
5POS,MCON 1.2,REC HSG ASSY,SLD,  
COD A



TE Part #2066596-1  
MICRO RELAY MODULE, 4P, ASSY



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

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