



MQS

TE Internal #: 2177231-1
Housing for Female Terminals, Wire-to-Board, 3 Position, .1 in [2.54 mm] Centerline, Black, Wire & Cable, Cable Mount (Free-Hanging), Key A, MQS

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Board**
Number of Positions: **3**
Connector & Housing Type: **Housing for Female Terminals**
Centerline (Pitch): **2.54 mm [.1 in]**
Sealable: **No**

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	Integrated in Housing

Configuration Features

Number of Positions	3
Number of Rows	1

Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	A



Contact Features

Contact Size	.63mm
Contact Type	Receptacle
Mating Tab Width	.64 mm[.025 in]

Mechanical Attachment

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

Housing Features

Housing Material	PBT GF15
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Connector Height	6.25 mm[.246 in]
Product Width	16.8 mm[.661 in]
Product Length	11.1 mm[.437 in]

Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Quantity	9000
Packaging Method	Bulk

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	



Current ECHA Candidate List: JAN 2024
(240)
Candidate List Declared Against: JAN 2024
(240)
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

 <div>TE Part # 6-1579007-1 EXTRACTION TOOL</div>	 <div>TE Part # CAT-M8793-T273 MQS, RECEPTACLE AND TAB</div>	 <div>TE Part # 1-2177196-1 MCP2.8/MQS BU-GEH5P</div>	 <div>TE Part # 2-2177196-1 5POS, MQS, SOCK HSG, WH</div>
 <div>TE Part # 2151265-1 OCEAN_2.0-APPLICATOR-S-042F062O</div>	 <div>TE Part # 2151326-2 OCEAN_2.0-APPLICATOR-S-040F062O-RSA</div>	 <div>TE Part # 2151491-1 OCEAN_2.0-APPLICATOR-S-055F080O-RSM</div>	 <div>TE Part # 2151493-1 OCEAN_2.0-APPLICATOR-S-055F072O-RSM</div>



TE Part # 2305570-1

Strip Terminal Cutter-Side Feed-No Crimp

TE Part # 4-2177196-1

5POS, MQS, SOCK HSG, VT

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(26)

Insertion & Extraction Tools(42)

Other Automotive Connector Accessories(7)

PCB Headers & Receptacles(143)

Customers Also Bought

TE Part # 2098198-5

Plug Assembly, Sealed, 1 Posn,

TE Part # 776181-1

0.040 MULTILOCK RCPT

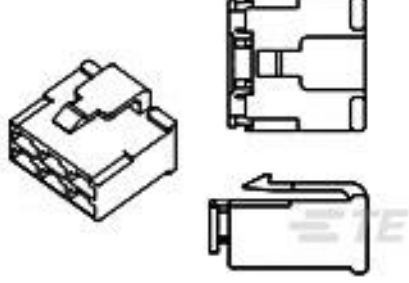
TE Part # 1452158-1

MQS1,5 Sn rec CB unseal. 0,35-0,5

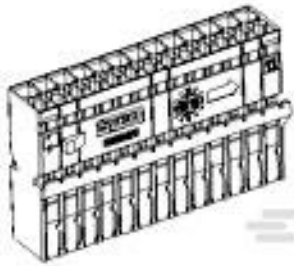
TE Part # 1743797-1

MCP 9.5MM 1P CAP ASSY





TE Part # 178022-2
FF 250 PLUG HSG DBL LOCK BLACK



TE Part # 1326042-1
LAC CARRIER, 26 POS, 0.64MM, A KEY



TE Part # 1-1534171-1
MQS COVER 2X5P



TE Part # 1326028-2
0.64MM FEMALE CONTACT,AU, 22AWG



TE Part # 2066560-1
FRONT LOCK, ENGINE COMPT FRB

TE Part # 2338583-4

Documents

Product Drawings
3POS,MQS,SOCK HSG,BK
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2177231-1_A_c-2177231-1-a.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_2177231-1_A_c-2177231-1-a.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_2177231-1_A_c-2177231-1-a.3d_stp.zip
English

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Product Specifications
Application Specification
English