185311-1 ✔ ACTIVE

MQS

TE Internal #: 185311-1

MQS, Housing for Female Terminals, Wire-to-Wire, 6 Position, 2.54 mm [.1in] Centerline, Black, Signal

View on TE.com >

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

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

Mating Tab Width: **.63 mm [.025 in]**

Connector System: **Wire-to-Wire**

Number of Positions: **6**

Centerline (Pitch): **2.54 mm [.1 in]**

All MQS, CONNECTOR HOUSING (575)

Features

Product Type Features

Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	No
Hybrid Connector	No
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	16 VDC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Body Material	PBT GF
Primary Product Color	Black

Contact Features

Mating Tab Width	.63 mm[.025 in]

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	No
Strain Relief	No
Mating Alignment Type	Polarized

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Product Width	16 mm[.63 in]
Product Height	6.7 mm[.264 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F]
Operating Temperature Range	-40 – 100 °C[-40 – 212 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	7000
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

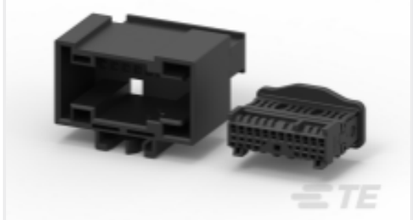
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

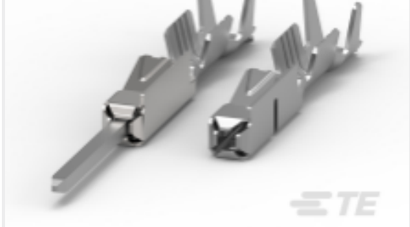
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # CAT-SIGH262
SIGNAL HEADER



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



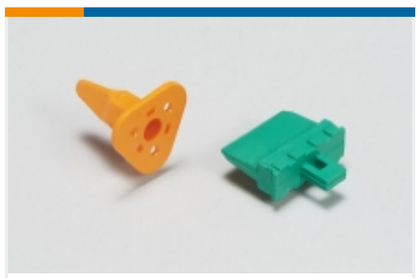
TE Part # CAT-M8793-T273
MQS, RECEPTACLE AND TAB

TE Part # 1-1379816-4
6pos MQS .63 header 180deg THR

Also in the Series | MQS

Automotive Connector Caps & Covers (133)

Automotive Connector EMC Shielding (2)

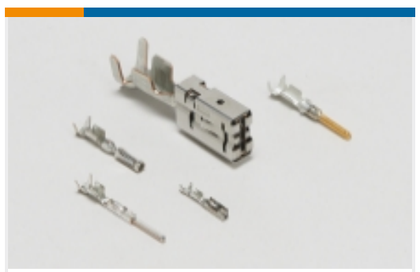


Automotive Connector Locks & Position Assurance(29)

Automotive Headers(207)

Automotive Housings(498)

Automotive Seals & Cavity Plugs(26)



Automotive Terminals(98)

Data Connectivity Headers(1)

Insertion & Extraction Tools(42)

Other Automotive Connector Accessories(13)

Customers Also Bought

TE Part #1394512-1
EINZELLEITDICHTG,BL

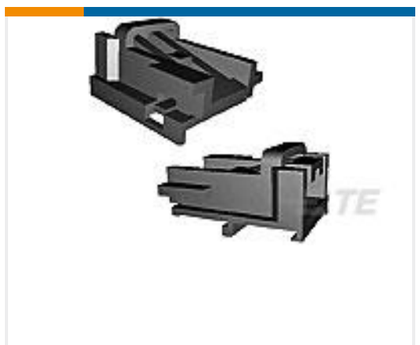
TE Part #1379102-1
MQS, CONNECTOR HOUSING

TE Part #1241404-1
AMP MCP, RECEPTACLE AND TAB

TE Part #144969-1
MQS, RECEPTACLE AND TAB

TE Part #1379101-1
COV+LEV MQS 18W 90DEG BLK

TE Part #144936-1
LOCKING DEVICE MQS



TE Part #1534149-1
MQS RETAINER ,BLACK

TE Part #ZPF000000000133906
CONTACT F 7,9 - AG - 70MM SERT. LAITON

TE Part #1108600-1
KX.Sti.0,3/3,5/6,1

Documents

Product Drawings

6POS MQS REC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_185311-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_185311-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_185311-1_B.3d_stp.zip

English

Datasheets & Catalog Pages

Micro Quadlok Interconnection System (MQS)

English

Product Specifications

Product Specification

English

Product Environmental Compliance

TE Material Declaration

English