1-1418775-1 ✔ ACTIVE

MQS

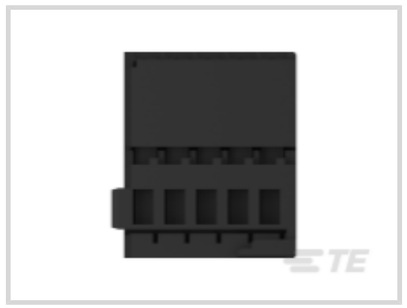
TE Internal #: 1-1418775-1

12 V, 5 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 2.54 mm [.1 in] Centerline, Black, Wire & Cable, Signal

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings > MQS 0.63mm Unsealed Connectors







Nominal Voltage Architecture: **12 V**

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

Number of Positions: **5**

Sealable: **No**

Operating Temperature Range: **-55 – 105 °C [-67 – 221 °F]**

All MQS 0.63mm Unsealed Connectors (140)

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-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	5
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 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[.02 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

Housing Material	PBT GF10
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Product Width	16.5 mm[.65 in]
Product Length	13.8 mm[.54 in]
Connector Height	4.5 mm[.17 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operating Temperature (Max)	105 °C[221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94HB

Packaging Features

Packaging Method	Box

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

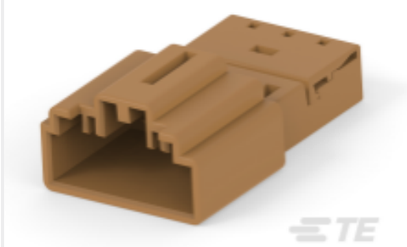
For compliance documentation, visit the product page on TE.com>

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

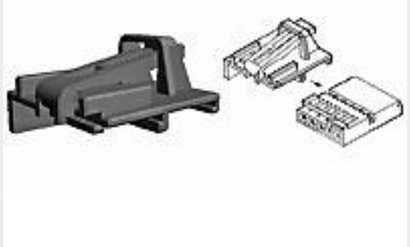
Product Compliance Disclaimer

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

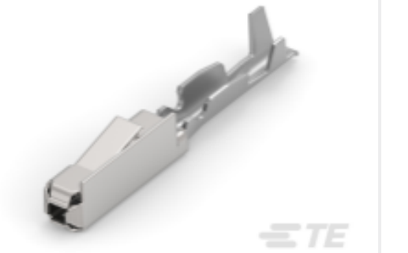
Compatible Parts



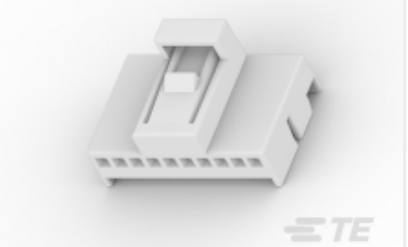
TE Part # 1-1418778-1
5POS MQS TAB



TE Part # 1418776-1
COVER,MQS,5 POS.



TE Part # CAT-N01-MT063
MQS 0.63mm Terminals



TE Part # 1452349-1
10POS MQS REC



TE Part # 1418776-2
COVER,MQS,5 POS.



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

Customers Also Bought



TE Part #063725P018
ES2000-NO.2-B9-0-30MM



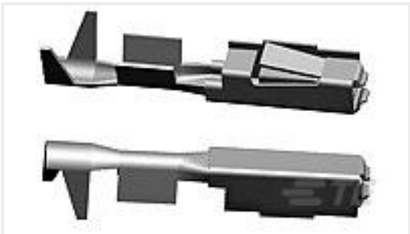
TE Part #CAT-M9194-T273
MULTILOCK, RECEPTACLE AND TAB



TE Part #175022-1
250 PL EX FLAG REC. 18-12AWG TPBR



TE Part #926883-1
UNIVERSAL M-N-L PIN



TE Part #1355717-1
MQS0,63 Sn rec LL unseal. 0,08-0,22



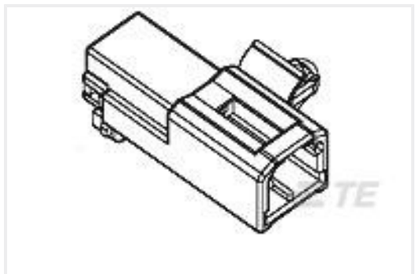
TE Part #1379096-1
COV+LEV MQS 12W 90DEG BRO



TE Part #1703402-1
COVER,90,24POS.



TE Part #2141404-1
20POS,NANOMQS,REC HSG,CODE A



TE Part #178602-1
070 MULTILOC CAP HSG PANEL LOC

Documents

Product Drawings

5POS MQS REC

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-1418775-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1418775-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1418775-1_A.3d_stp.zip

English

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

Product Specifications

Application Specification

English