



MQS

TE Internal #: 1379102-1
12 V, 18 Position, Automotive Housing for Female Terminals, Wire-to-Board, 2.54 mm [.1 in] Centerline, Black, Wire & Cable, Signal

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



Nominal Voltage Architecture: 12 V
Connector & Housing Type: Housing for Female Terminals
Number of Positions: 18
Sealable: No
Operating Temperature Range: -40 – 100 °C [-40 – 212 °F]

[All MQS 0.63mm Unsealed Connector System \(140\)](#)

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-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	18
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V
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Body Features



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

Contact Features

Contact Size	.64mm
Contact Type	Receptacle
Mating Tab Width	.64 mm[.025 in]
Contact Current Rating (Max)	13 A

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	Polybutylene Terephthalate (PBT)
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
Product Width	17 mm[.66 in]
Product Length	26.3 mm[1.03 in]
Connector Height	6.7 mm[.26 in]

Usage Conditions

Operating Temperature Range	-40 – 100 °C[-40 – 212 °F]
Operating Temperature (Max)	100 °C[212 °F]

Operation/Application

Conforms to Automation Guideline	Yes, KOMAX Guideline for automatic component insertion for electrical connections, Version 5.0 (March 2018)
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Method	Bag
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Other

Serviceable	No
Connector Position Assurance Capable	No

Product Compliance

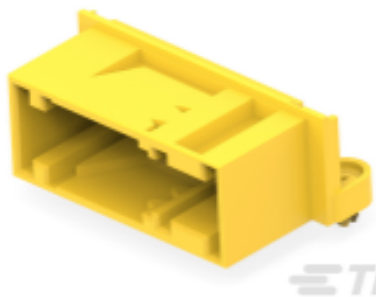
For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	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 reviewed 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-N04-MDH06390
MQS 0.63mm 90 Degree Headers



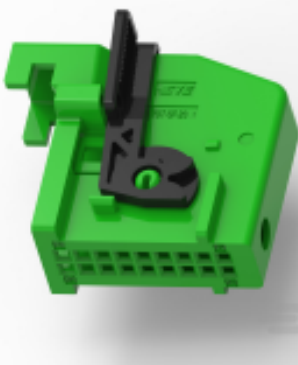
TE Part # 953302-2
18pos MQS .63 header 180deg



TE Part # 2306073-2
18POS,TAB0.63X0.63,HDR ASSY,90
DEG,SLDR



TE Part # 1379100-1
COV+LEV MQS 18W 0DEG BLK
DEG,SLDR



TE Part # 1379101-5
COV+LEV MQS 18W 90DEG GREEN



TE Part # 1379101-3
COV+LEV MQS 18W 90DEG BLUE

Customers Also Bought



TE Part #1379100-2
COV+LEV MQS 18W 0DEG WHI



TE Part #1379118-2
6POS MQS TAB



TE Part #1379662-2
12W PLUG HSG ASSY GRAY



TE Part #1544346-1
BOITIER PC 8 MM 1



TE Part #1801175-6
2W RECEPTACLE HP CONNECTOR
BROWN



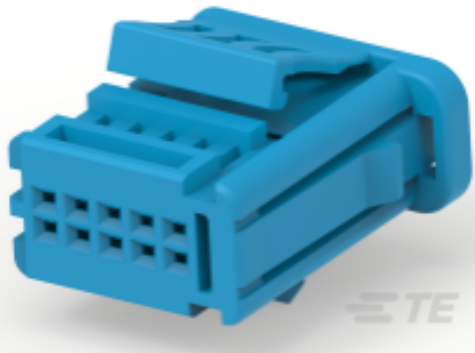
TE Part #1-1801175-5
2W RECEPTACLE HP CONNECTOR
GREEN



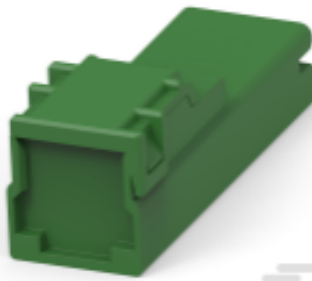
TE Part #1801177-4
3W TAB CONNECTOR HP YELLOW



TE Part #2208339-1
10POS,NANOMQS,REC HSG,CODA



TE Part #2208339-3
10POS,NANOMQS,REC HSG,COD C



TE Part #1544346-3
BOITIER PC 8 MM 1V

Documents



Product Drawings

18POS MQS REC

English

CAD Files

Customer View Model

ENG_CVM_CVM_1379102-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1379102-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1379102-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

French

Product Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

French

Instruction Sheet (non U.S.)

English