



MQS

TE Internal #: 1379914-1
Housing for Female Terminals, Wire-to-Board, 20 Position, .1 in / .2 in [5.08 mm / 2.54 mm] Centerline, Black, Wire & Cable, Signal, MQS

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



Connector System: **Wire-to-Board**
Number of Positions: **20**
Connector & Housing Type: **Housing for Female Terminals**
Centerline (Pitch): **2.54 mm, 5.08 mm [.1 in, .2 in]**
Sealable: **No**

[All MQS, CONNECTOR HOUSING \(435\)](#)

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	20
Number of Rows	2

Electrical Characteristics

Operating Voltage	30 VDC
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Nominal Voltage Architecture	30 V
Body Features	
Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	Neutral
Contact Features	
Contact Size	.63mm, 2.8mm
Contact Type	Receptacle
Mating Tab Width	.63 mm, 2.8 mm [.025 in][.11 in]
Contact Current Rating (Max)	3 A, 18 A
Mechanical Attachment	
Terminal Position Assurance	No
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)	2.54 mm, 5.08 mm [.1 in][.2 in]
Dimensions	
Connector Height	13 mm [.512 in]
Product Width	20.8 mm [.819 in]
Product Length	33.6 mm [1.323 in]
Row-to-Row Spacing	5.5 mm [.217 in]
Usage Conditions	
Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C [158 °F][167 °F] [176 °F][185 °F]
Operating Temperature Range	-40 - 85 °C [-40 - 185 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94HB



Packaging Features

Packaging Method	Box
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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	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 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-M8793-CH8172
MQS, CONNECTOR HOUSING

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

TE Part # 1-1379917-1
20POS MIXED MQS REC

TE Part # 1379917-1
20POS MIXED MQS REC

TE Part # 5-1579018-1
EXTRACTION TOOL

TE Part # 5-1579018-3
EXTRACTION TOOL

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(27)

Insertion & Extraction Tools(42)

Other Automotive Connector Accessories(7)

PCB Headers & Receptacles(143)

Customers Also Bought





TE Part # 953698-2
3POS MQS TAB



TE Part # 1670326-3
1.5MM SFC,CONTACT



TE Part # 1-1801175-1
2W RECEPTACLE HP CONNECTOR
BLACK



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



TE Part # 1801155-5
COVER FOR 2W HP CONNECTOR



TE Part # 1-1801178-2
3W RECEPTACLE HP CONNECTOR
BLUE



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



TE Part # 1801359-1
ADAPTER, ROTATIVE COVER FOR 3W
CONN



TE Part # 1801468-1
COVER, ROTATIVE, 3 WAY HP
CONNECTOR



TE Part # 1801823-3
4POS,MCON 0.5 CB,REC HSG,BLUE,
ASSY,SLD

Documents

Product Drawings
20POS MQS REC

French

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_1379914-1_B_c-1379914-1-b.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1379914-1_B_c-1379914-1-b.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1379914-1_B_c-1379914-1-b.3d_stp.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

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English