1379914-1 ✔ ACTIVE

MQS

TE Internal #: 1379914-1

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

View on TE.com >

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 (354)

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
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

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

Customers Also Bought



TE Part #1-1452693-1
MQS, CONNECTOR HOUSING



TE Part #1-1718562-1
REC. HSG.,4POSN.,RAD.SEAL,AMP MCP2.8K



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



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



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



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



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



TE Part #1801619-1
RELAY 70A HOLDER



TE Part #1801620-2
2 MICRORELAYS HOLDER

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.

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

ROX05SJ18R SMW73R0JT 1-962915-1 175977-2 3-1393225-0 CPF0402B37K4E1 RH73H2A40MKTN U5254-000005-030PA 2-292161-3 CRGCQ2010J3K3 SBCHE154R7K 1393431-1 1903112-2 2005330-1 2377783-2 MPT100C18RF TE50BR39J 2310537-1 2834055-1 3430B2F51RTDF SBCHE64R7K 650075-000 1-794222-0 141991-2 1743455-2 1969656-1 3631B101LL 917696-1 2380312-2 936348-1