1-1241370-3 ✔ ACTIVE

MQS

TE Internal #: 1-1241370-3

Housing for Female Terminals, Wire-to-Board / Wire-to-Device / Wire-to-Wire, 6 Position, 2.54 mm [.1 in] Centerline, Black, Wire & Cable, Signal

View on TE.com >

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



Connector System: **Wire-to-Board, Wire-to-Device, Wire-to-Wire**

Number of Positions: **6**

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

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

Sealable: **No**

All MQS, CONNECTOR HOUSING (353)

Features

Product Type Features

Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	On the Terminal
Mixed & Hybrid Connector	No
Connector Shape	Rectangular

Configuration Features

Number of Positions	6
Number of Rows	1

Housing Features

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

Contact Features

Mating Tab Width	.63 mm[.025 in]
Contact Current Rating (Max)	7.5 A

Contact Size	.63mm
Contact Type	Receptacle

Body Features

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

Operation/Application

Circuit Application	Signal

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
Strain Relief	Without
Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With

Usage Conditions

Operating Temperature (Max)	80 °C, 105 °C, 100 °C, 90 °C, 85 °C, 75 °C, 70 °C, 110 °C, 120 °C[248 °F][221 °F][167 °F][158 °F][230 °F][176 °F][194 °F][185 °F][212 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Electrical Characteristics

Nominal Voltage Architecture	50 V
Operating Voltage	50 VDC

Other

Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Serviceable	No

Dimensions

Product Width	5.4 mm[.213 in]
Product Length	18.2 mm[.717 in]
Connector Height	16.6 mm[.654 in]

Packaging Features

Packaging Method	Carton

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 applicable for solder process capability

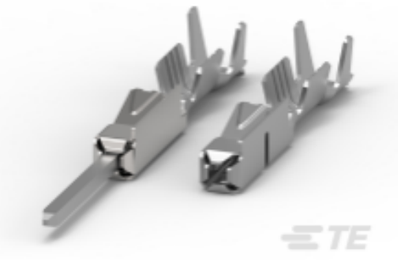
Product Compliance Disclaimer

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 # 2-969682-1
6pos MQS .63 header 90deg SMD

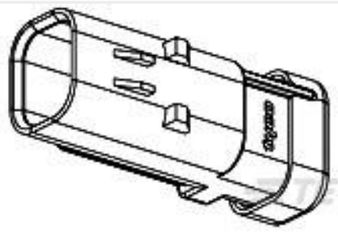


TE Part # CAT-M8793-T273
MQS, RECEPTACLE AND TAB



TE Part # 2317023-1
6pos MQS .63 header 90deg SMD

Customers Also Bought



TE Part #776430-4
AS16,CAP ASSY,ST,03P,N SEAL,CODE D



TE Part #1-1437658-1
8PCV-07-006=#8 TRIBARRIER



TE Part #1703874-1
MQS, CONNECTOR HOUSING



TE Part #964280-2
TIMER, RECEPTACLE AND TAB



TE Part #DT04-12PA-LE20
REC, 12P, BLK, E, CAP, FLANGE, A



TE Part #1326140-1
32WAY LAC SHIELD ASSEMBLY 70 D



TE Part #544720-E
SRCBUG A 2,54 2 2 CSI 163 * K-AD B500 J

TE Part #2435327-1
6POS,MQS,REC HSG,COD A

Documents

Product Drawings

6POS MQS REC COD A

German

CAD Files

Customer View Model

ENG_CVM_CVM_1-1241370-3_D.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1241370-3_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1241370-3_D.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