1-1534840-1 ✔ ACTIVE

MQS

TE Internal #: 1-1534840-1

Housing for Male Terminals, Wire-to-Board / Wire-to-Wire, 12 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-Wire**

Number of Positions: **12**

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

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

Sealable: **No**

All MQS, CONNECTOR HOUSING (351)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Board, Wire-to-Wire
Connector & Housing Type	Housing for Male Terminals
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	12
Number of Rows	2

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V, 24 V

Body Features

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

Contact Features

Contact Size	.63mm
Contact Type	Tab
Contact Current Rating (Max)	7.5 A

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Height	19.1 mm[.752 in]
Product Width	28.9 mm[1.138 in]
Row-to-Row Spacing	6.9 mm[.272 in]

Usage Conditions

Operating Temperature (Max)	120 °C[248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94HB

Packaging Features

Packaging Method	Bulk

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	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 # 1534100-1
12POS MQS REC COD A

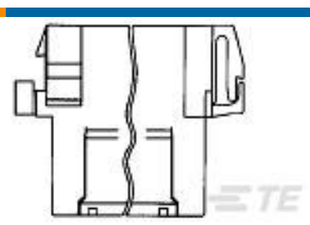


TE Part # CAT-M8793-T273
MQS, RECEPTACLE AND TAB



TE Part # 1534841-1
COVER FOR 12POS,MQS

Customers Also Bought



TE Part #929505-5
FF TAB HOUSING 2X7P



TE Part #1534100-1
12POS MQS REC COD A



TE Part #1-1534096-1
MQS ABDECKKAPPE2X6P



TE Part #1924968-1
Contact, male 0.64, 20 to 22 AWG



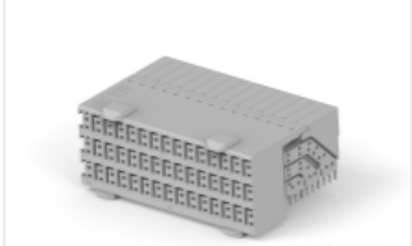
TE Part #1241846-1
TAB A 1.6x0.6 CONTACT CS SRC Sn



TE Part #2106135-4
Assembly, Free Hanging Plug, SLC, 4 pos



TE Part #1534841-1
COVER FOR 12POS,MQS



TE Part #6469179-1
HM-ZD 3PR RECP 90P

Documents

Product Drawings

12POS MQS TAB COD A

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-1534840-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1534840-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1534840-1_A.3d_stp.zip

English

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TE Connectivity:

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