1-1418640-5 ✔ ACTIVE

MQS

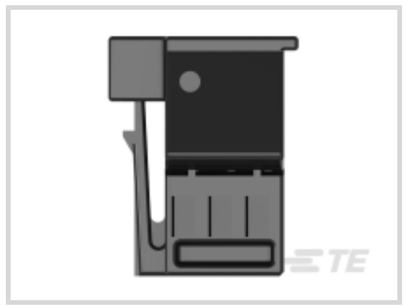
TE Internal #: 1-1418640-5

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 3 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**

Number of Positions: **3**

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

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

Sealable: **No**

All MQS, CONNECTOR HOUSING (360)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Board, Wire-to-Device
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	3
Number of Rows	1

Electrical Characteristics

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	Receptacle
Mating Tab Width	.63 mm[.025 in]
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]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Quantity	2500
Packaging Method	Box

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 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-T273
MQS, RECEPTACLE AND TAB



TE Part # CAT-SIGH262
Signal Header

Customers Also Bought



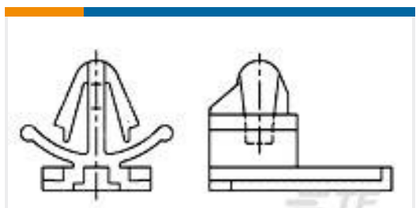
TE Part #1-929170-4
4POS MQS REC COD A



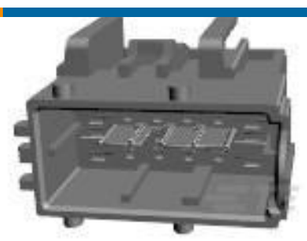
TE Part #1-2176230-3
3522 8R2 5% 3W



TE Part #292303-9
Std USB Type A, R/A, SMT, Offset, Natural



TE Part #368165-1
CLIP HSG FOR 070/EJ MK-II(+)



TE Part #284858-1
12 POS MALE HOUSING ASS'Y



TE Part #8-963964-4
ACTION PIN FOR 1 mm HOLE

TE Part #1-962889-1
LOCKING TAB REC



TE Part #6-1355688-7
MT3-REC. HOUSING, 6 POS.



TE Part #968072-3
PQ5,2 Ag rec LL unseal. >1,0-2,5

TE Part #1-962891-1
FAST STECKHUELSE3,3

Documents

Product Drawings

3POS MQS REC COD A

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-1418640-5_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1418640-5_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1418640-5_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

MICRO QUADLOK SYSTEM PIN- AND SOCKET HOUSING WITH INTEGRATED RETAINER

English

Application Specification

English

Application Specification

English

Unikeyic Electronics

Global Electronic Components Distributor

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

TE Connectivity:

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