1-968700-1 ✔ ACTIVE

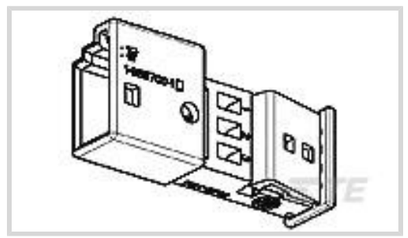
MQS

TE Internal #: 1-968700-1

Housing for Male Terminals, Wire-to-Wire, 3 Position, 2.54 mm [.1 in] Centerline, Black, Wire & Cable, Signal, Cable Mount (Free-Hanging)

View on TE.com >

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



Connector System: **Wire-to-Wire**

Number of Positions: **3**

Connector & Housing Type: **Housing for Male 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-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	3
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	12 V

Body Features

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

Contact Features

Contact Size	.63mm
Contact Type	Tab
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]

Dimensions

Connector Height	7.9 mm[.311 in]
Product Width	26.6 mm[1.047 in]
Product Length	12.4 mm[.488 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	Carton

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 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 # CAT-M8793-CH8172
MQS, CONNECTOR HOUSING



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

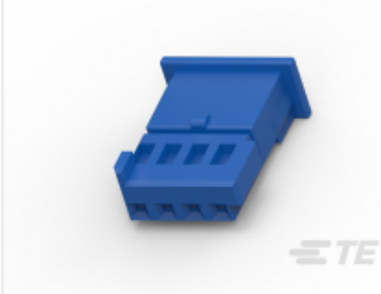


TE Part # 1-929089-1
3POS MQS FFC REC COD A



TE Part # 968807-9
3POS MQS REC COD Z

Customers Also Bought



TE Part #3-1355397-3
4POS MQS REC COD C



TE Part #1801248-2
025 RECEPTACLE CONTACT



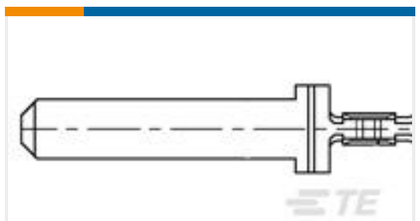
TE Part #2-2005159-2
BULB ASSY FOR T20/T2 NEW BK



TE Part #462006-8
FLOATING SHEAR



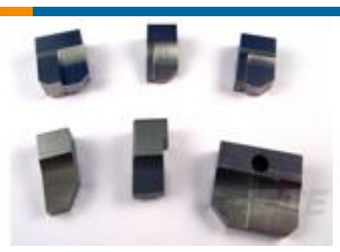
TE Part #2035334-7
Contact, female0.64 ,0.13sqmm,



TE Part #63535-1
TAB SPECIAL 025TPBR



TE Part #7-2151065-7
OCEAN_2.0_SPARE_PART_KIT-062F090O



TE Part #852140-1
ANVIL, RIGHT (DUAL)



TE Part #962904-1
TAB AS 4.8x0.8 CONTACT CS SRC Sn

TE Part #2385514-2
2POS,HC-STAK 35,HDR OUTER HSG ASSY,COD B

Documents

Product Drawings

3POS MQS TAB COD A

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-968700-1_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-968700-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-968700-1_B.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

Unikeyic Electronics

Global Electronic Components Distributor

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

TE Connectivity:

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