

1418789-1

✓ ACTIVE

MQS

TE Internal #: 1418789-1

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

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Connectors > Automotive Connectors > Automotive Housings



Number of Positions: 8

Connector & Housing Type: Housing for Female Terminals

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

Connector System: Wire-to-Board

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

Features

Product Type Features

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

Configuration Features

Number of Positions	8
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V
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Body Features

Primary Product Color	Black
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Connector & Keying Code	Neutral
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Contact Features

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

Mechanical Attachment

Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
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Usage Conditions

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

Operation/Application

Circuit Application	Signal
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Other

Connector Position Assurance Capable	No
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Product Compliance

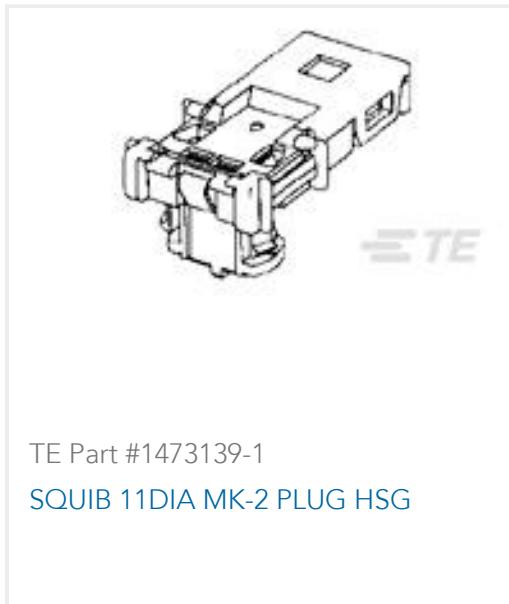
For compliance documentation, visit the product page on TE.com>

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>

Customers Also Bought



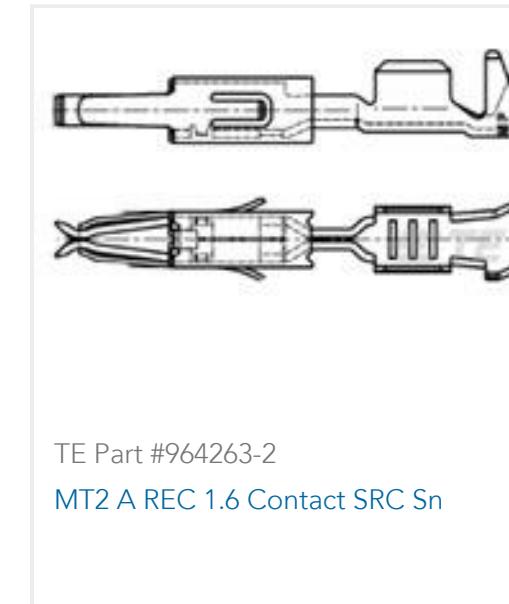
TE Part #1473139-1
SQUIB 11DIA MK-2 PLUG HSG



TE Part #2138558-1
2P GENERATION Y Cap, Single-Pi



TE Part #CAT-T319-CH8172
TH/.025 CONNECTOR SYSTEM,
HOUSING



TE Part #964263-2
MT2 A REC 1.6 Contact SRC Sn



TE Part #5-1418760-1
MCON 1.2 LL TAB STC SN



TE Part #1563125-1
10POS, MIXED,TAB HSG



TE Part #1563126-1
2. LOCK,10 POS MALE HOUSING



TE Part #1-1418790-1
COVER,MQS,2X4POSN.

Documents

CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG_CVM_CVM_1418789-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1418789-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1418789-1_A.3d_stp.zip](#)

English

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Product Specifications

Product Specification

English