



MQS

TE Internal #: 1241608-1

Automotive Terminals, Receptacle, Mating Tab Width 1.5 mm [.059 in], Tab Thickness .63 mm [.024 in], 18 - 15 AWG Wire Size, MQS

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Terminals & Splices > Automotive Terminals > MQS, RECEPTACLE AND TAB



Terminal Type: **Receptacle**

Mating Tab Width: **1.5 mm [.059 in]**

Mating Tab Thickness: **.63 mm [.024 in]**

Terminal Transmits: **0 - 24 A (Low Power)**

Wire Size: **18 - 15 AWG**

[All MQS, RECEPTACLE AND TAB \(99\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

Contact Features

Contact Size	1.5mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	7.5 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	1.5 mm[.059 in]
Mating Tab Thickness	.63 mm[.024 in]
Interface Plating	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire



Dimensions

Compatible Insulation Diameter Range	1.7 - 2.4 mm[.067 - .094 in]
Wire Size	.75 - 1.5 mm²
Wire Size Search	15 AWG, 16 AWG, 17 AWG, 18 AWG

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
Operating Temperature Range	-40 - 120 °C[-40 - 248 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Quantity	8500
Packaging Method	Reel

Other

Terminal Transmits	0 - 24 A (Low Power)
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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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

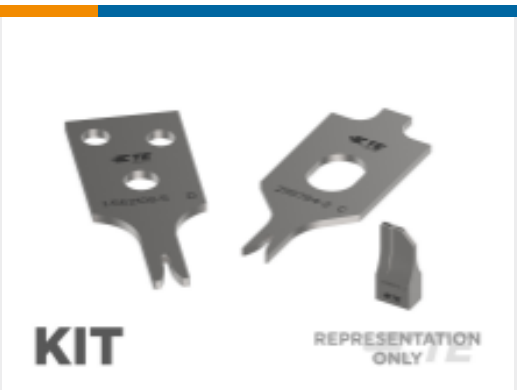
Product Compliance Disclaimer

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 # 6-1579007-0 EXTRACTION TOOL	 TE Part # 1-1579018-4 EXTRACTION TOOL	 TE Part # 2151066-1 OCEAN_2.0_APPLICATOR-S-080F100O-RSM
 TE Part # 2151066-2 OCEAN_2.0_APPLICATOR-S-080F100O-RSA	 TE Part # 2208277-3 60POS MQS REC SEALED	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 7-2151066-7 OCEAN_2.0_SPARE_PART_KIT-080F100O
 TE Part # 9-2289228-1 CONNECTOR, 94POS	 TE Part # 7-1893681-1 KIT FOR MINI APPLICATOR	 TE Part # 7-2151066-2 OCEAN_2.0_APPLICATOR-S-080F100O	 TE Part # 2209544-9 60P,PLUG ASSY,NORMAL CODING
 TE Part # 2209545-1 94P,MQS CB,REC HSG,ASSY,SEALED	 TE Part # 2209544-1 60P,MQS CB,REC HSG,ASSY,SEALED	 TE Part # 3-2289228-1 CONNECTOR, 94POS	 TE Part # 7-2289227-1 CONNECTOR, 60POS



TE Part # 7-2289228-1
CONNECTOR, 94POS

TE Part # 9-2289227-1
CONNECTOR, 60POS

Also in the Series | MQS

Automotive Connector Caps & Covers
(87)

Automotive Connector Locks & Position Assurance(22)

Automotive Housings(298)

Automotive Terminals(78)

Connector Seals & Cavity Plugs(23)

Insertion & Extraction Tools(42)

Other Automotive Connector Accessories(4)

PCB Headers & Receptacles(140)

Customers Also Bought

TE Part # 3-1355136-3
MQS1,5AUFNAHMGEH94P

TE Part # 1-1355134-1
RETAINER 94P

TE Part # 170454-2
PL 250 AM REC 18-14 0.40 X 21 PRE-TPBR

TE Part # 1241394-1
AMP MCP, RECEPTACLE AND TAB

TE Part # 1452158-1
MQS, RECEPTACLE AND TAB

TE Part # 1-1355135-1
RETAINER 94P

TE Part # 1674311-7
0.64 III RCPT 3 Serrations Pre-Tin

TE Part # 9-2437440-9
PLATE,FAMILY SEAL COVER,91POS, CONN KIT



Documents

Product Drawings

MQS1,5 Sn rec CB unseal. 0,75-1,5

English

MQS1,5 Sn rec CB unseal. 0,75-1,5

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1241608-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1241608-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1241608-1_C.3d_stp.zip

English

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Datasheets & Catalog Pages

Micro Quadlok Interconnection System (MQS)

English

Product Specifications

Application Specification

English

Application Specification

English

Application Specification

German