

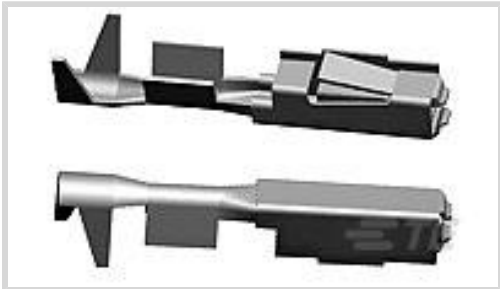


MQS

TE Internal #: 144969-2
Automotive Terminals, Receptacle, Mating Tab Width .63 mm [.025 in], Tab Thickness .63 mm [.025 in], 24 - 19 AWG Wire Size, .2 - .6 mm² Wire Size, MQS

[View on TE.com >](#)

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



Terminal Type: **Receptacle**
Mating Tab Width: **.63 mm [.025 in]**
Mating Tab Thickness: **.63 mm [.025 in]**
Terminal Transmits: **0 - 24 A (Low Power)**
Wire Size: **24 - 19 AWG**

[All MQS, RECEPTACLE AND TAB \(108\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

Contact Features

Contact Size	.63mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Gold
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	.63 mm[.025 in]
Mating Tab Thickness	.63 mm[.025 in]
Interface Plating	Gold (Au)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.9 mm[.075 in]
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Wire Size	.2 - .6 mm²
Wire Size Search	19 AWG, 20 AWG, 21 AWG, 22 AWG, 23 AWG, 24 AWG

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F]
Operating Temperature Range	-40 - 140 °C[-40 - 284 °F]

Packaging Features

Packaging Quantity	11000
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

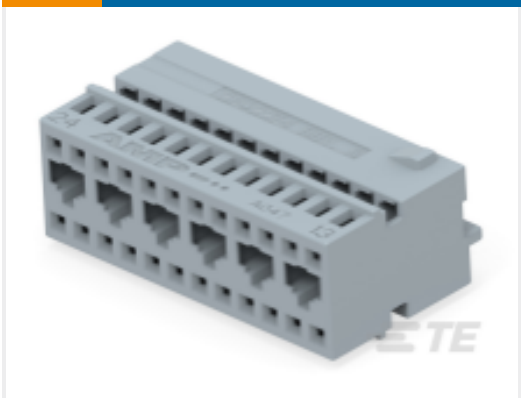
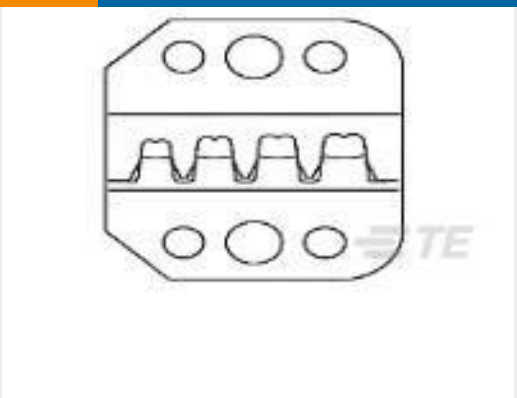
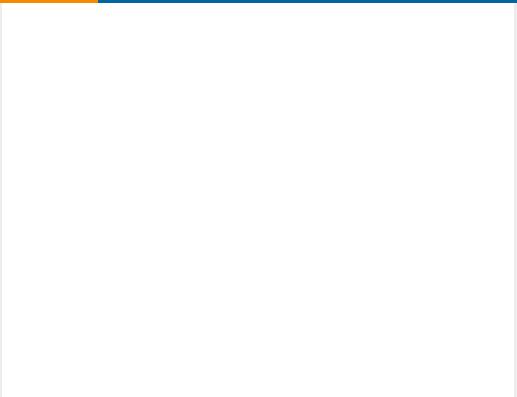
Product Compliance Disclaimer

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 # 6-1579007-1 EXTRACTION TOOL	 TE Part # 2209954-2 AIRBAG 24P COVER ASSY	 TE Part # 2209954-1 AIRBAG 24P COVER ASSY
 TE Part # 1308374-1 EXTRACTION TOOL	 TE Part # 2-953698-1 3POS MQS TAB	 TE Part # 2151163-1 OCEAN_2.0_Applicator-S-055F080F-RSM	 TE Part # 2151163-2 OCEAN_2.0_Applicator-S-055F080F-RSA
 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 284225-1 24 POS.RCPT.CONN.HSG.FOR AIRBA	 TE Part # 58611-1 PRO-CRIMP TOOL MQS REC	 TE Part # 58611-2 PRO-CRIMP DIE MQS REC
 TE Part # 7-2151163-7 OCEAN_2.0_SPARE_PART_KIT-055F080F	 TE Part # 7-2151163-2 OCEAN_2.0_Applicator-S-055F080F	 TE Part # 1-953698-1 3W MQS PIN HSG POSIT MATE	 TE Part # 1-953698-2 3W MQS PIN HSG POSIT MATE

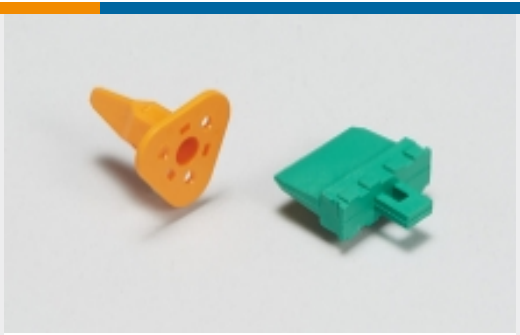
Also in the Series | MQS



Automotive Connector Caps & Covers (113)



Automotive Connector EMC Shielding (3)



Automotive Connector Locks & Position Assurance(26)



Automotive Housings(379)



Automotive Terminals(88)



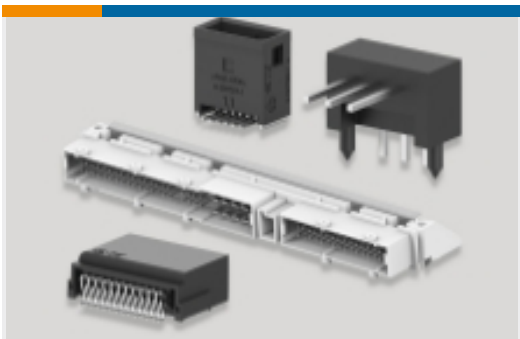
Connector Seals & Cavity Plugs(27)



Insertion & Extraction Tools(42)



Other Automotive Connector Accessories(7)



PCB Headers & Receptacles(143)

Customers Also Bought



TE Part # 1379671-2
TH/.025 CONNECTOR SYSTEM,
HOUSING



TE Part # 175965-1
MULTILOCK, CONNECTOR HOUSING



TE Part # 063725P017
ES2000-NO.2-B9-0-40MM



TE Part # 1-936686-1
UNDER COVER FOR BLM



TE Part # 5-1897638-5
C.E BOX ASSY-BLM F/L-1FAN,4PW,
STD

Documents



Product Drawings

MQS0,63 Au rec LL unseal. 0,2-0,6

English

CAD Files

Customer View Model

ENG_CVM_CVM_144969-2_J.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_144969-2_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_144969-2_J.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Micro Quadlok Interconnection System (MQS)

English

Product Specifications

Application Specification

English

Application Specification

English

Application Specification

German