

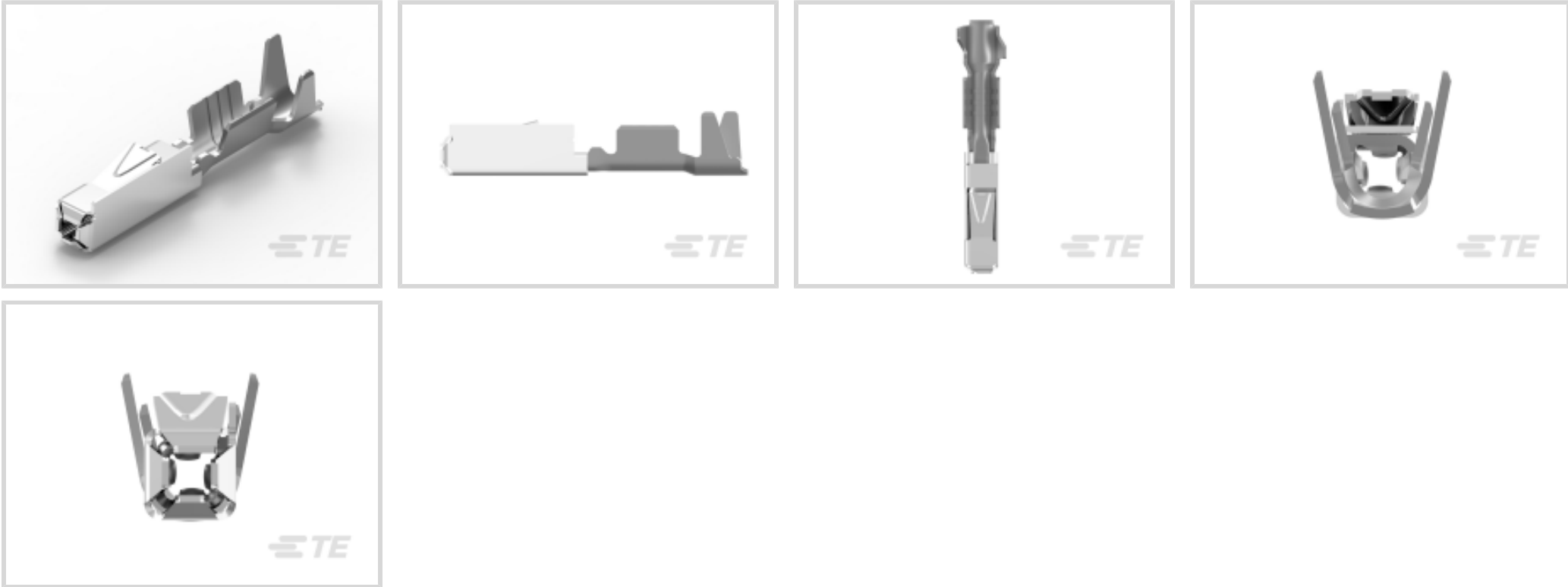


MQS

TE Internal #: 5-963715-1
Automotive Terminals, Receptacle, Mating Tab Width .63 mm [.025 in], Tab Thickness .63 mm [.025 in], 20 - 18 AWG 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: **20 - 18 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	Tin
Typical Current Rating	7.5 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	.63 mm[.025 in]
Mating Tab Thickness	.63 mm[.025 in]
Interface Plating	Tin (Sn)



Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.3 - 1.9 mm[.051 - .074 in]
Wire Size	.5 - .75 mm ²
Wire Size Search	18 AWG, 19 AWG, 20 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

Conforms to KOMAX Automatic Component Insertion Guideline	Yes, per Version 5.0 (March 2018)
Compatible With Wire Base Material	Copper

Industry Standards

Compatible With Agency/Standards Products	LV214
---	-------

Packaging Features

Packaging Quantity	10000
Packaging Method	Reel

Other

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

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 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-CH8172 MQS, CONNECTOR HOUSING	 TE Part # 6-1579007-1 EXTRACTION TOOL	 TE Part # CAT-SIGH262 Signal Header	 TE Part # 2209954-2 AIRBAG 24P COVER ASSY
 TE Part # 2209954-1 AIRBAG 24P COVER ASSY	 TE Part # 965412-1 MQS GRIFFSCHALE 6P	 TE Part # 1-969489-3 6POS MQS REC COD A	 TE Part # 1308374-1 EXTRACTION TOOL
 TE Part # 1801038-1 SHIELD FOR MQS 18 POS REVERSED ASSY	 TE Part # 2112856-1 5POS MIXED MQS REC COD A	 TE Part # 2141627-1 4POS MIXED MQS REC	 TE Part # 2151491-1 OCEAN_2.0_APPLICATOR-S-055F080O-RSM



TE Part # 2151491-2
OCEAN_2.0_APPLICATOR-S-055F080O-RSA



TE Part # 2177231-1
3POS,MQS,SOCK HSG,BK



TE Part # 2278598-3
12POS MQS REC



TE Part # 2294218-1
4POS MQS REC COD A



TE Part # 2298567-1
22POSN.,REC ASSY, MCON1.2, MQS, MCP2.8



TE Part # 2298622-1
24POS,HYBRID,REC HSG ASSY, UNSLD,COD A



TE Part # 2298633-1
60POS,HYBRID,REC HSG ASSY, UNSLD,COD A



TE Part # 2301238-1
DTB PLUG HSG ASSY, 49POSN., FAKRA TYPE

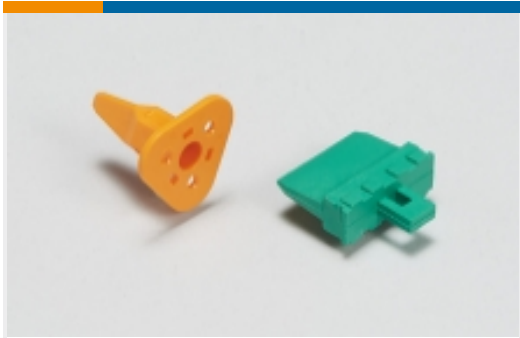
Also in the Series | MQS



Automotive Connector Caps & Covers (113)



Automotive Connector EMC Shielding (3)



Automotive Connector Locks & Position Assurance(26)



Automotive Housings(379)



Automotive Terminals(88)



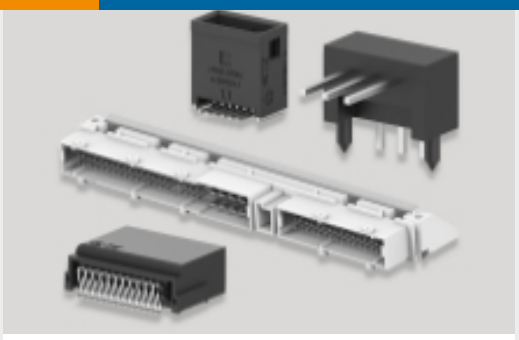
Connector Seals & Cavity Plugs(26)



Insertion & Extraction Tools(42)



Other Automotive Connector Accessories(7)



PCB Headers & Receptacles(143)

Customers Also Bought



TE Part # 2-964296-1
TAB A 2.8x0.8 CONTACT CF SRC Sn



TE Part # 7-1452668-1
MCON Receptacle and Tab



TE Part # 968074-2
MQS, RECEPTACLE AND TAB



TE Part # 1241390-1
AMP MCP 2.8K, CONTACT



TE Part # 1-967573-1
10pos MQS .63 header 90deg



TE Part # NB11566001
ATUM-6/2-0-35MM



TE Part # 3-2310137-9
1 P MATE-AX, SOC HSG W CPA, COD Z

Documents

Product Drawings

MQS0,63 Sn rec LL unseal. 0,5-0,75

English

CAD Files

Customer View Model

ENG_CVM_CVM_5-963715-1_J.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-963715-1_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-963715-1_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