

5-963716-1 ✓ ACTIVE

## MQS

TE Internal #: 5-963716-1

Automotive Terminals, Tab, Mating Tab Width .63 mm [.025 in], Tab

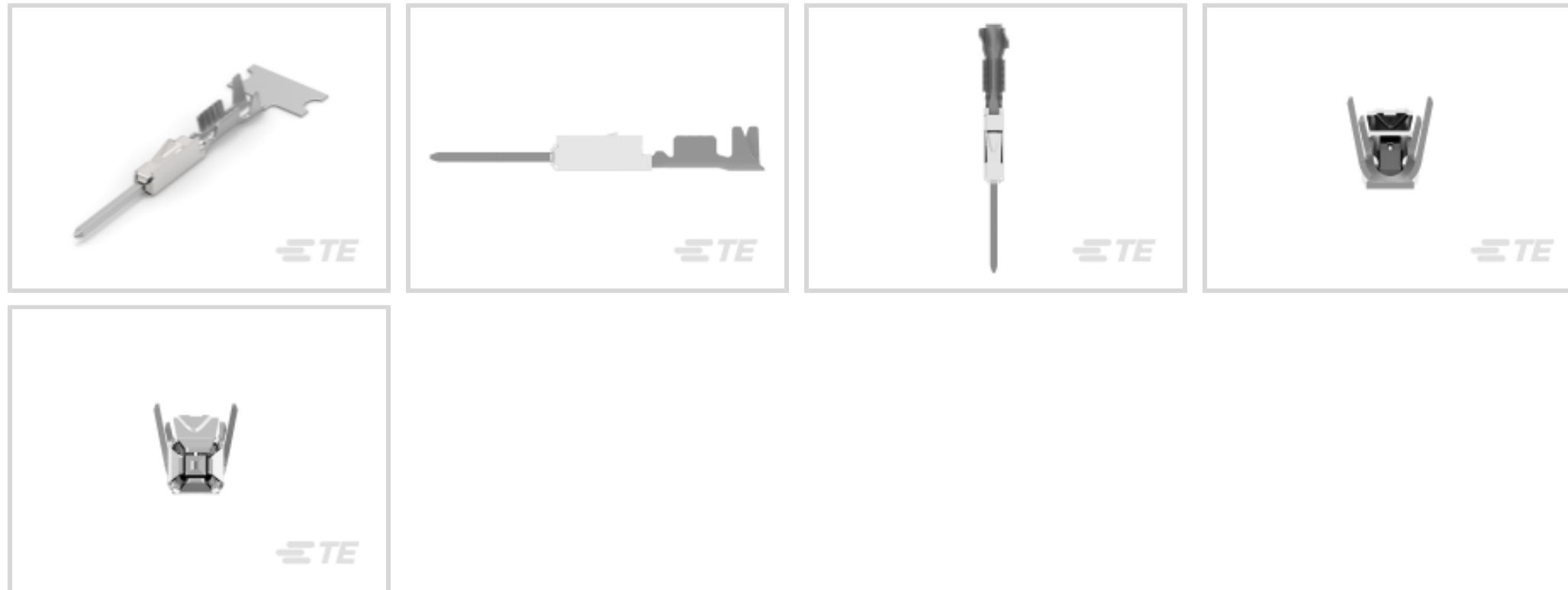
Thickness .63 mm [.025 in], 20 – 18 AWG Wire Size, .5 – .75 mm<sup>2</sup>

Wire Size, MQS

[View on TE.com >](#)



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



Terminal Type: **Tab**

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 \(126\)](#)

## 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	Tab
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 <sup>2</sup>
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

Compatible With Wire Base Material	Copper
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### Industry Standards

Agency/Standard	LV214
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### Packaging Features

Packaging Quantity	10000
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](https://www.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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 1452426-1  
EXTRACTION TOOL



TE Part # 6-1579007-1  
EXTRACTION TOOL



TE Part # 2305570-1  
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 963730-1  
MQS PIN CONTACT WITH SPRING



TE Part # 1-2298627-1  
24POS, HYBRID, TAB HSG ASSY, UNSLD, COD A



TE Part # 1579028-8  
EXTRACTION TOOL



TE Part # 2-2837765-1  
OCEAN-2.0-APPLICATOR-S-055F0800



TE Part # 2-2837765-2  
OCEAN-2.0-APPLICATOR-S-055F0800



TE Part # 2151491-1  
OCEAN\_2.0-APPLICATOR-S-055F0800



TE Part # 2151491-2  
OCEAN\_2.0-APPLICATOR-S-055F0800



TE Part # 2298566-1  
22POSN., TAB ASSY, MCON1.2, MQS, MCP2.8



TE Part # 2298627-1  
24POS, HYBRID, TAB HSG ASSY,  
UNSLD, COD A



TE Part # 2298637-1  
60POS, HYBRID, TAB HSG ASSY,  
UNSLD, COD A



TE Part # 2389098-1  
2POS, MQS, TAB HSG, UNSLD, COD A



TE Part # 2390077-1  
SDE F MQS PIN/SKT 0.75-0.50mm<sup>2</sup>  
ASSY

REPRESENTATION ONLY. DIE SET MAY VARY. TE



TE Part # 2390077-2  
SDE F MQS PIN/SKT 0.75-0.50mm<sup>2</sup>  
DIE SET



TE Part # 2837765-1  
OCEAN-2.0-APPLICATOR-S-055F0800



TE Part # 2837765-2  
OCEAN-2.0-APPLICATOR-S-055F0800



TE Part # 5-2151491-1  
OCEAN\_2.0-APPLICATOR-S-055F0800

Also in the Series | MQS




Automotive Connector Caps & Covers  
(138)



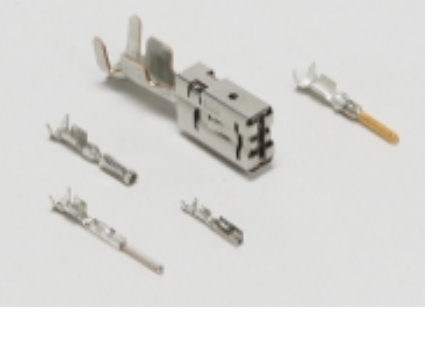
Automotive Connector EMC Shielding  
(3)




Automotive Connector Locks &  
Position Assurance(30)




Automotive Housings(507)




Automotive Terminals(104)



Connector Seals & Cavity Plugs(27)



Insertion & Extraction Tools(42)



Other Automotive Connector  
Accessories(14)



PCB Headers & Receptacles(213)

Customers Also Bought



TE Part #5-963715-1  
MQS0,63 Sn rec LL unseal. 0,5-0,75



TE Part #216842-2  
250 FASTON,TAB,PCB,TPPB



TE Part #ER52966001  
RBK-ILS-125-NR1-0-38MM



TE Part #1563123-2  
10POS, MIXED,REC HSG



TE Part #2151725-2  
OCEAN\_2.0\_APPLICATION-S-053F061O



TE Part #2836898-2  
OCEAN-2.0-APPLICATOR-S-133F150F



TE Part #2837673-2  
OCEAN-2.0-APPLICATOR-S-058F065O



TE Part #2837910-2  
OCEAN-2.0-APPLICATOR-S-060F067O



TE Part #7-2836898-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-133F150F



TE Part #7-2837673-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-058F065O

## Documents

### Product Drawings

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

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5-963716-1\\_W\\_c-5-963716-1-w.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-963716-1\\_W\\_c-5-963716-1-w.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-963716-1\\_W\\_c-5-963716-1-w.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

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### Product Specifications

#### Application Specification

English

#### Application Specification

German

#### Application Specification

English

#### Application Specification

English