



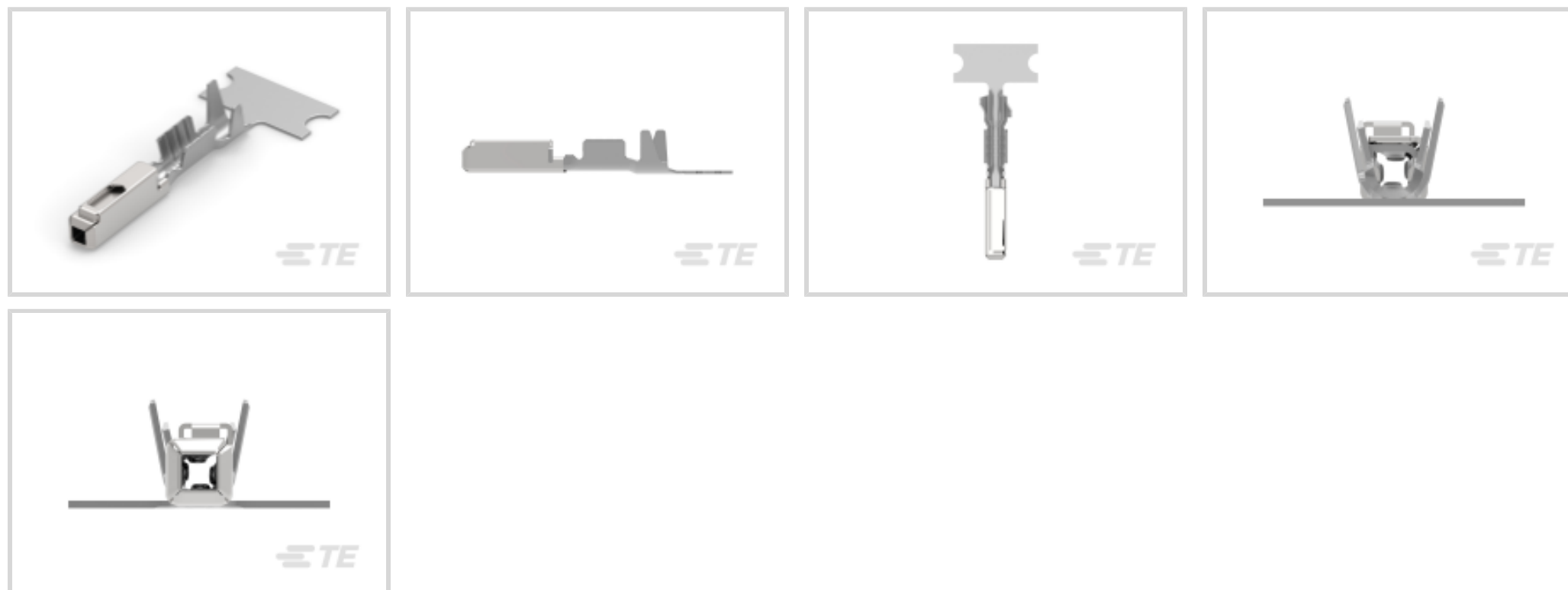
**MQS**

TE Internal #: 5-968221-1

MQS, Automotive Terminals, Receptacle, Tab Width .63 mm [.025 in], Tab Thickness .025 in [.63 mm], Terminal Transmits 0 – 24 A (Low Power)

[View on TE.com >](#)

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



Terminal & Splice 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: **.5 – .75 mm<sup>2</sup>**

[All MQS, RECEPTACLE AND TAB \(128\)](#)

**Features**

**Product Type Features**

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body
Automotive Terminal Wire Type	Copper

**Contact Features**

Typical Current Rating	7.5 A
Crimp Type	F-Crimp
Terminal & Splice Type	Receptacle
Mating Tab Width	.63 mm [.025 in]
Mating Tab Thickness	.63 mm [.025 in]
Automotive Terminal Interface Plating	Tin (Sn)
Contact Termination Area Plating Material	Tin (Sn)



### Termination Features

Automotive Terminal Termination Method	Crimp
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### Dimensions

Wire Size	.5 – .75 mm <sup>2</sup>
Wire Size Search	.5 mm <sup>2</sup> , .6 mm <sup>2</sup> , .75 mm <sup>2</sup>
Wire Insulation Diameter	1.3 – 1.9 mm [.051 – .074 in]

### Usage Conditions

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]

### Industry Standards

Agency/Standard	LV214
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### Packaging Features

Packaging Method	Reel
Packaging Quantity	10000

### 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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 5-2151491-2  
OCEAN\_2.0\_APPLICATOR-S-055F0800



TE Part # 7-2151491-1  
OCEAN\_2.0\_APPLICATOR-S-055F0800




TE Part # 7-2151491-2  
OCEAN\_2.0\_APPLICATOR-S-055F0800




KIT  
REPRESENTATION ONLY

TE Part # 7-2151491-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-055F0800

## Also in the Series | MQS




Automotive Connector Caps & Covers (133)




Automotive Connector EMC Shielding (2)




Automotive Connector Locks & Position Assurance(29)




Automotive Headers(207)




Automotive Housings(498)




Automotive Seals & Cavity Plugs(26)




Automotive Terminals(98)



Data Connectivity Headers(1)



Insertion & Extraction Tools(42)



Other Automotive Connector Accessories(13)

## Customers Also Bought



TE Part #1394050-2  
LEAVYSEAL BACKSHELLS



TE Part #1534102-1  
MQS, CONNECTOR HOUSING



TE Part #1-1241418-3  
AMP MCP, RECEPTACLE AND TAB



TE Part #1241858-2  
TIMER, RECEPTACLE AND TAB



## Documents

### Product Drawings

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

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5-968221-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-968221-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-968221-1\\_A.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

German

Application Specification

English



### Application Specification

English

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### Product Environmental Compliance

#### Product Compliance

English

#### Product Compliance

English