

**MQS**

TE Internal #: 5-928999-1

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: **.2 – .35 mm<sup>2</sup>**
[All MQS, RECEPTACLE AND TAB \(128\)](#)
**Features****Product Type Features**

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance
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	.2 – .35 mm <sup>2</sup>
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Wire Size Search	22 AWG
Wire Insulation Diameter	1.1 – 1.6 mm [.043 – .063 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	13000

### 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 # 6-1579007-1  
EXTRACTION TOOL



TE Part # 2305570-1  
TERMINAL CUTTER, SIDE FEED



TE Part # CAT-M8793-CH8172  
MQS, CONNECTOR HOUSING



TE Part # CAT-SIGH262  
SIGNAL HEADER



TE Part # CAT-AC853-T273  
PRESS FIT PIN TERMINALS



TE Part # CAT-M4595-CH8172  
MCON, CONNECTOR HOUSING



TE Part # CAT-HPCH5372  
HIGH PIN COUNT HEADER



TE Part # 4-1579007-8  
EXTRACTION TOOL



TE Part # 1718730-1  
10 POS MQS SOCKET HSG FOR LVDS



TE Part # 1718732-1  
LVDS, SHELL HALF 1 90DEG



TE Part # 1718733-1  
LVDS, SHELL HALF 2 90DEG



TE Part # 2-2151493-1  
OCEAN\_2.0\_APPLICATOR-S-055F072O



TE Part # 2-2151493-2  
OCEAN\_2.0\_APPLICATOR-S-055F072O



TE Part # 2-2151541-1  
OCEAN\_2.0\_APPLICATOR-S-050F072O



TE Part # 2-2151541-2  
OCEAN\_2.0\_APPLICATOR-S-050F072O



TE Part # 2-2266165-1  
OCEAN\_2.0\_APPLICATOR-S-055F072O



TE Part # 2141627-1  
4POS MIXED MQS REC



TE Part # 2151493-1  
OCEAN\_2.0\_APPLICATOR-S-055F072O

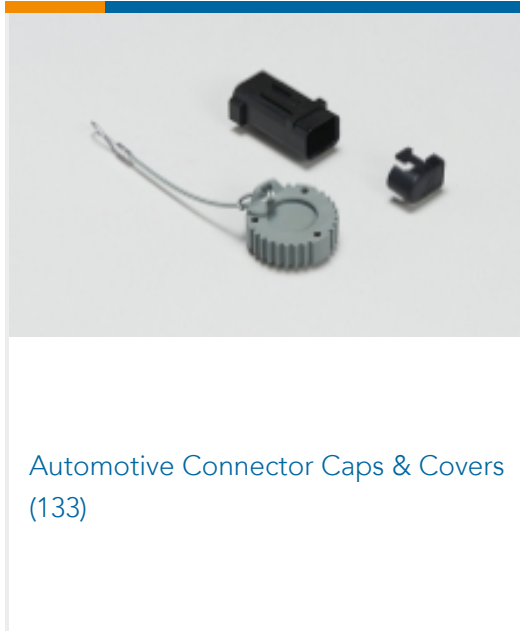


TE Part # 2151493-2  
OCEAN\_2.0\_APPLICATOR-S-055F072O

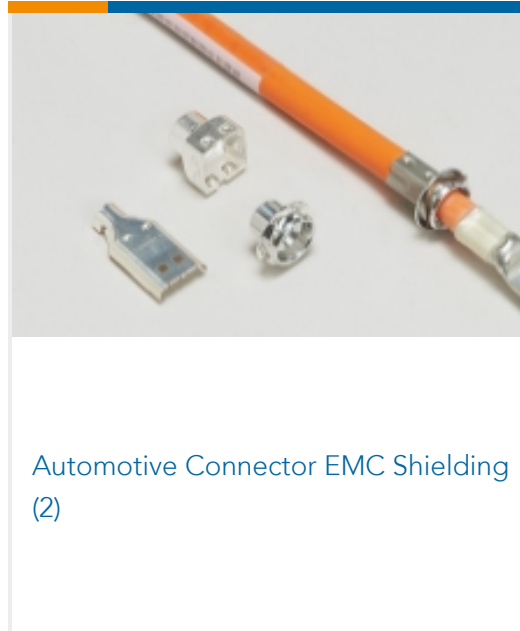


TE Part # 2151541-1  
OCEAN\_2.0\_APPLICATOR-S-050F072O

## Also in the Series | MQS



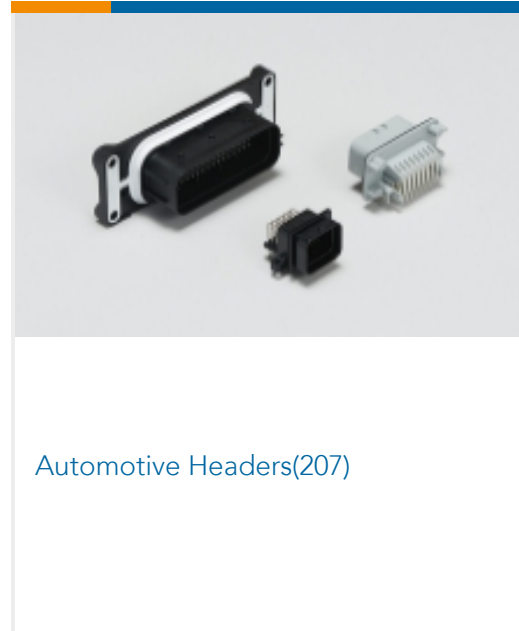
Automotive Connector Caps & Covers (133)



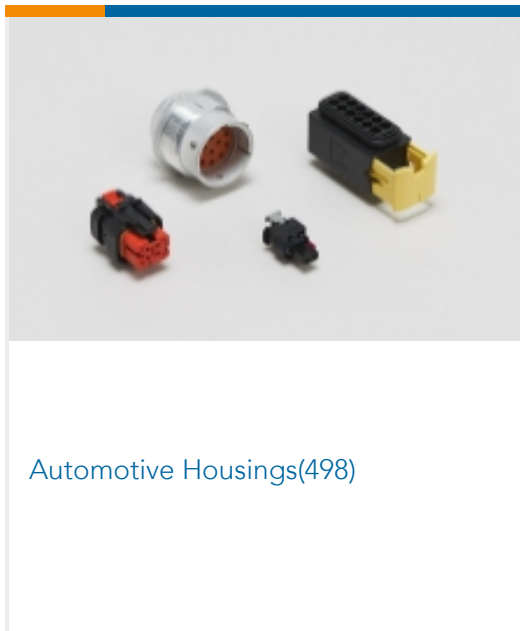
Automotive Connector EMC Shielding (2)



Automotive Connector Locks & Position Assurance(29)



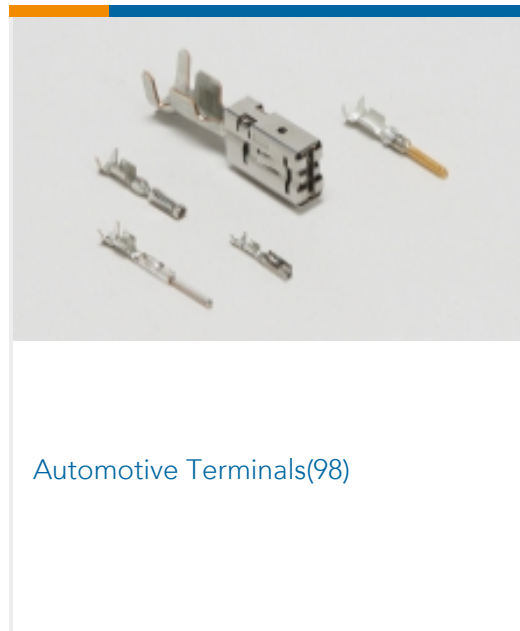
Automotive Headers(207)



Automotive Housings(498)



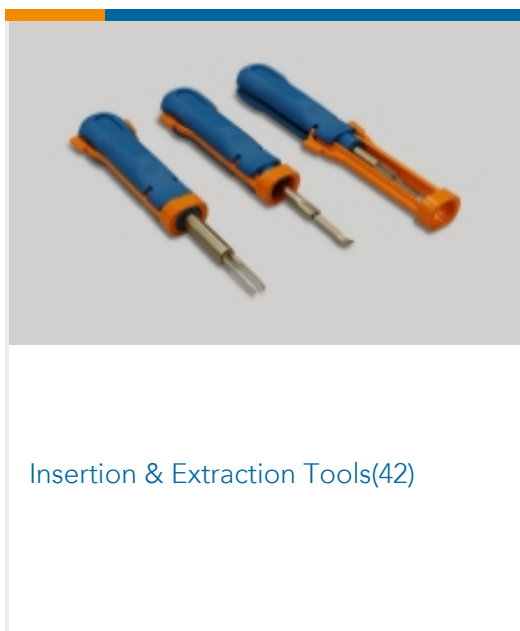
Automotive Seals & Cavity Plugs(26)



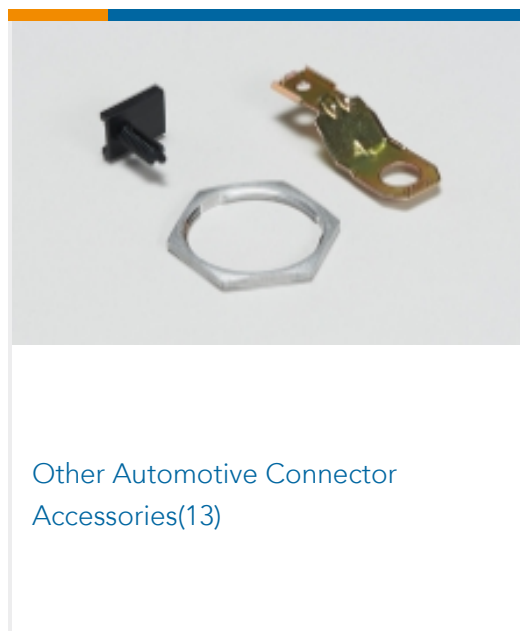
Automotive Terminals(98)



Data Connectivity Headers(1)



Insertion & Extraction Tools(42)



Other Automotive Connector Accessories(13)

## Customers Also Bought



TE Part #1534101-1  
MQS, CONNECTOR HOUSING



TE Part #964328-1  
TIMER, RECEPTACLE AND TAB



TE Part #1-1703930-1  
MQS, RECEPTACLE AND TAB



TE Part #1241388-1  
AMP MCP, RECEPTACLE AND TAB



## Documents

### Product Drawings

MQS0,63 Sn rec LL unseal. >0,2-0,35

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5-928999-1\\_S.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-928999-1\\_S.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-928999-1\\_S.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

[Application Specification](#)

English

### Product Environmental Compliance

[MD\\_5-928999-1\\_05252018520\\_dmtec](#)

English

[MD\\_5-928999-1\\_05252018520\\_dmtec](#)



English

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[Agency Approvals](#)

[CSA Certificate](#)

English