



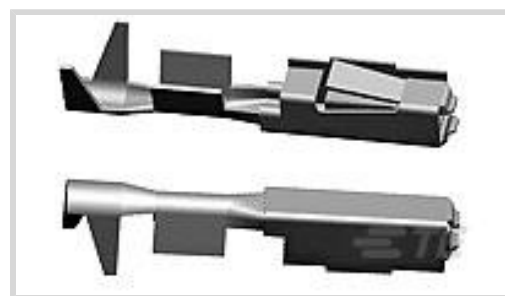
## MQS

TE Internal #: 6-963715-5

Automotive Terminals, Receptacle, Mating Tab Width .63 mm [.025 in], Tab Thickness .025 in [.63 mm], 20 – 18 AWG Wire Size, MQS

[View on TE.com >](#)

Terminals &amp; Splices &gt; Automotive Terminals &gt; 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 \(125\)](#)**Features****Product Type Features**

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

**Contact Features**

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	Gold (Au)
Contact Termination Area Plating Material	Gold (Au)

**Termination Features**

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

**Dimensions**

Wire Size	.5 – .75 mm <sup>2</sup>
Wire Size Search	18 AWG, 19 AWG, 20 AWG



Wire Insulation Diameter	1.7 – 1.9 mm [.066 – .074 in]
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### 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]

### Operation/Application

Compatible With Wire Base Material	Copper
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### Packaging Features

Packaging Method	Reel
Packaging Quantity	10000

### Other

Customer Preferred Contact	No
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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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 # 2305570-1  
TERMINAL CUTTER, SIDE FEED



TE Part # 3-1579001-5  
ERGO DIE MQS 0,5-0,75



TE Part # 1719297-1  
12pos MQS .63 header 180deg THR



TE Part # CAT-HPCH5372  
HIGH PIN COUNT HEADER



TE Part # 1308374-1  
EXTRACTION TOOL



TE Part # 2-2151491-1  
OCEAN\_2.0\_APPLICATIONATOR-S-055F0800



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



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



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



TE Part # 2141627-1  
4POS MIXED MQS REC



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



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



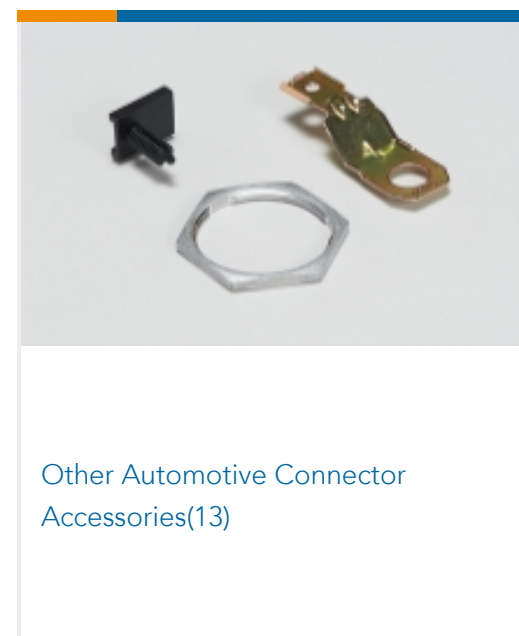
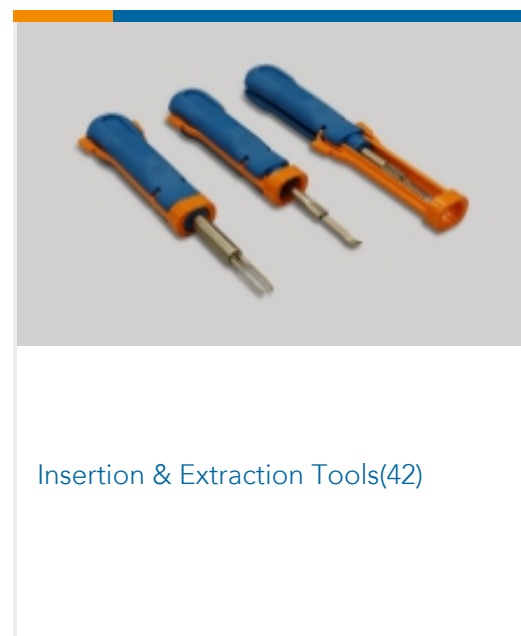
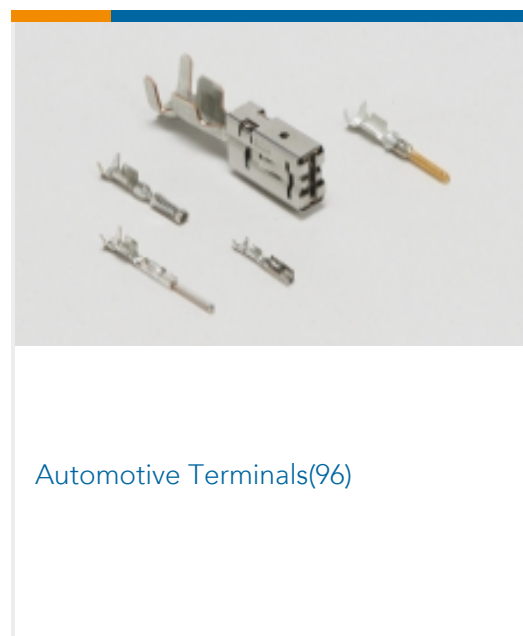
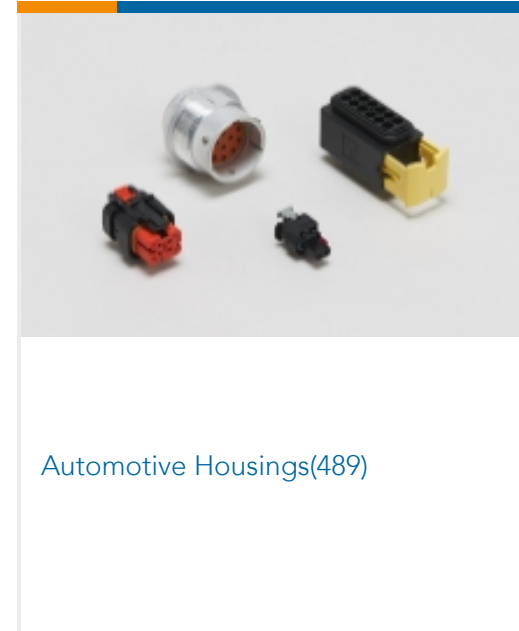
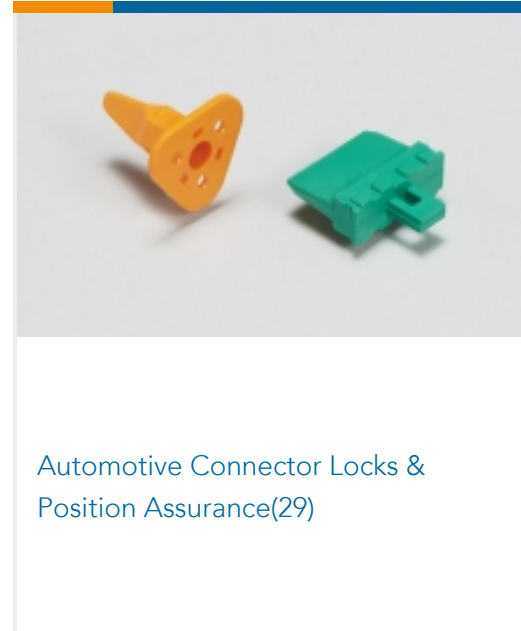
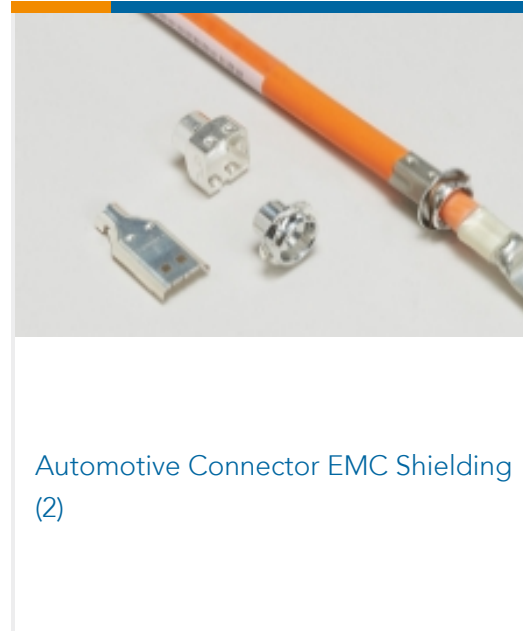
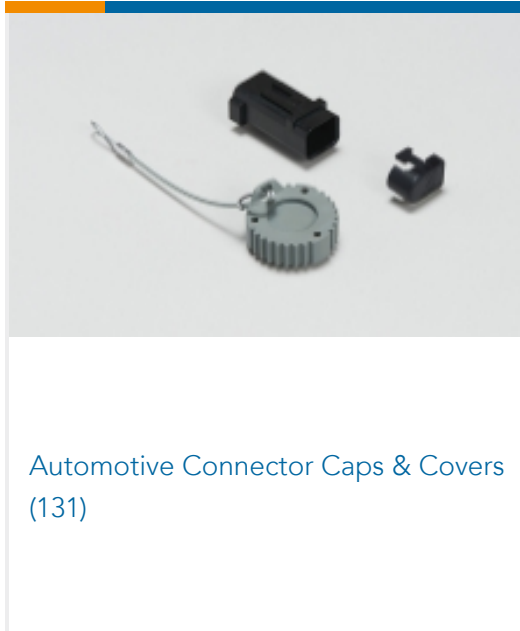
TE Part # 2294218-1  
4POS MQS REC COD A



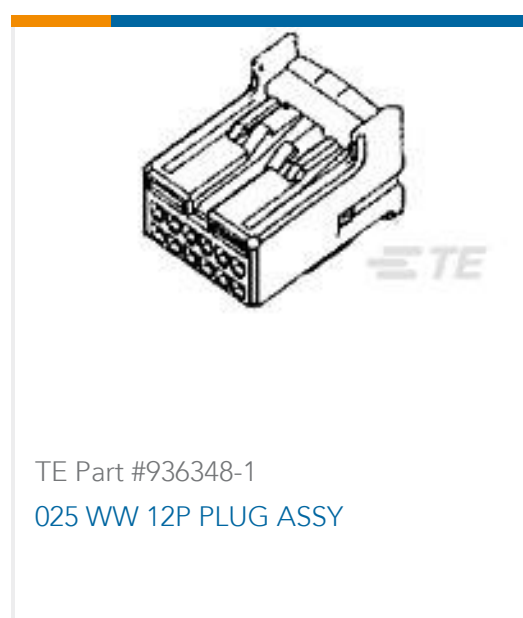
TE Part # 2329592-2  
20POS, MQS, REC HSG, UNSLD

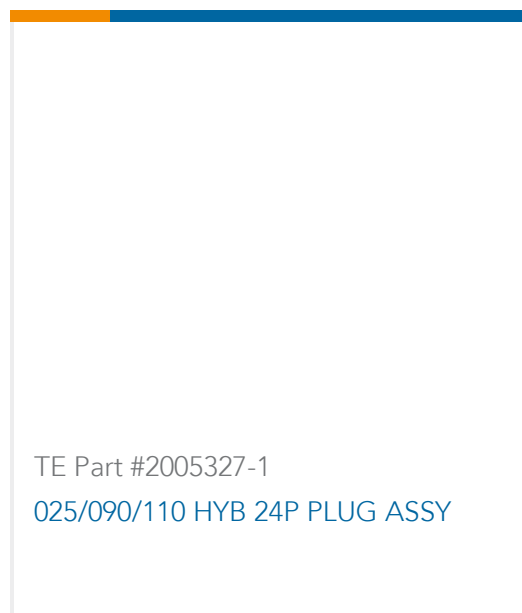


## Also in the Series | MQS



## Customers Also Bought





## Documents

### Product Drawings

[MQS0,63 AuGel rec LL unseal. 0,5-0,75](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_6-963715-5\\_K.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_6-963715-5\\_K.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6-963715-5\\_K.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](#)

German



## Application Specification

English