



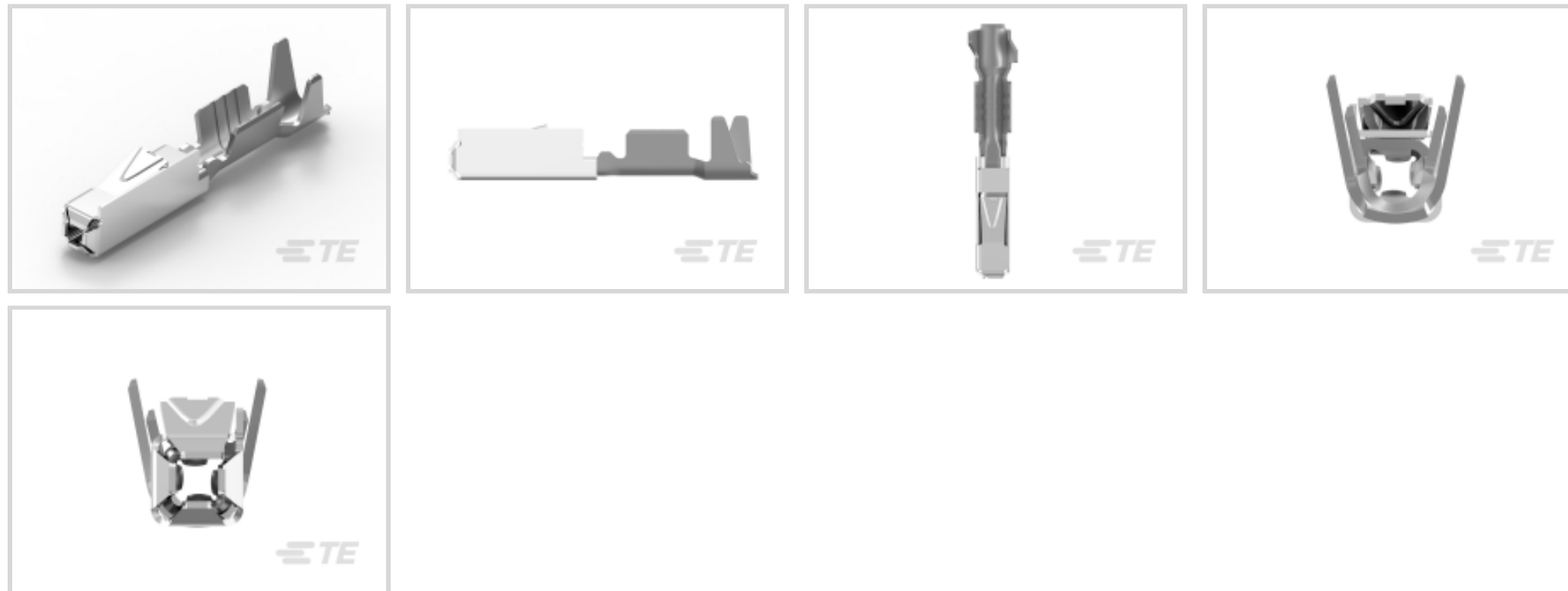
MQS

TE Internal #: 5-963715-1

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 & 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 \(125\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

Contact Features

Contact Size	.63mm
Contact Fabrication	Stamped & Formed
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)
Contact Termination Area Plating Material	Tin (Sn)



Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

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

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 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: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed

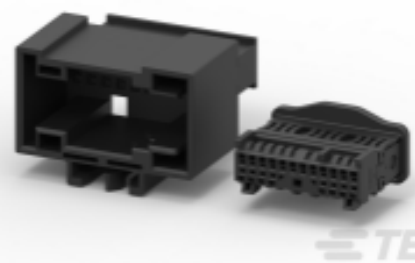











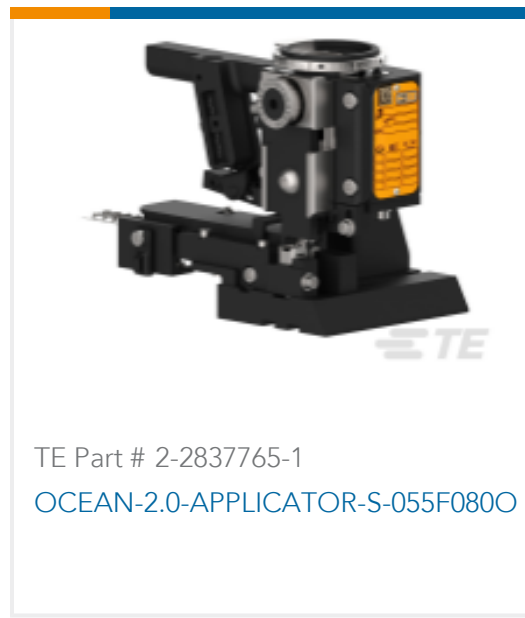
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

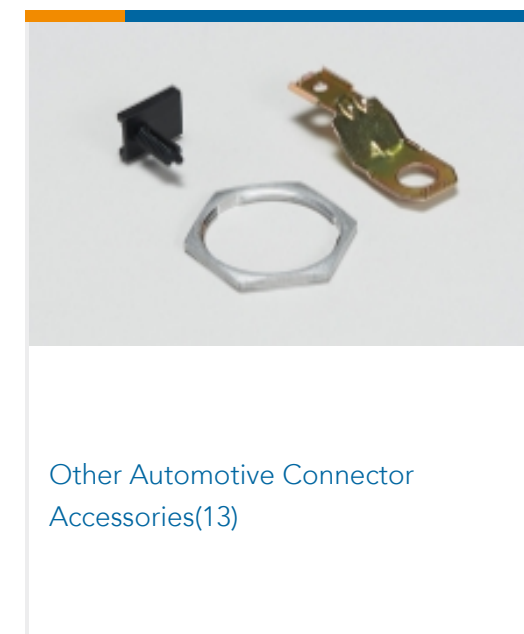
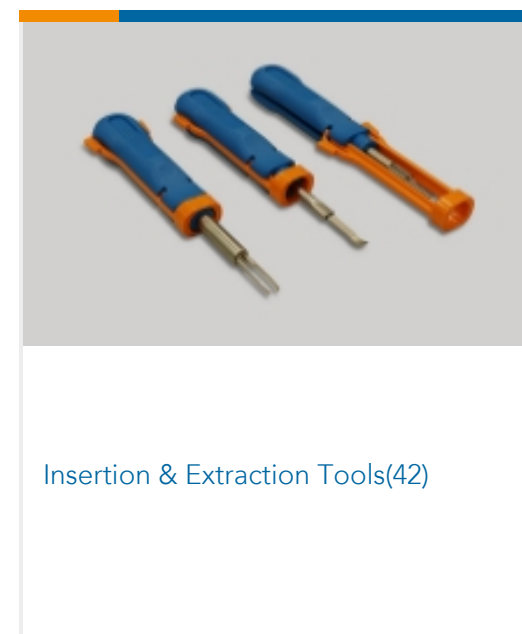
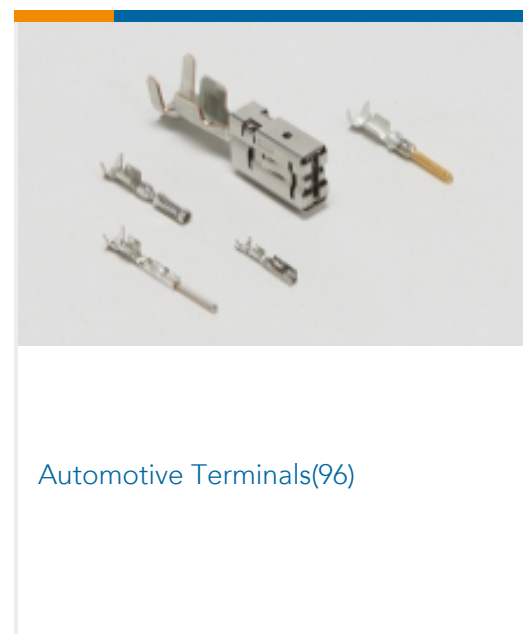
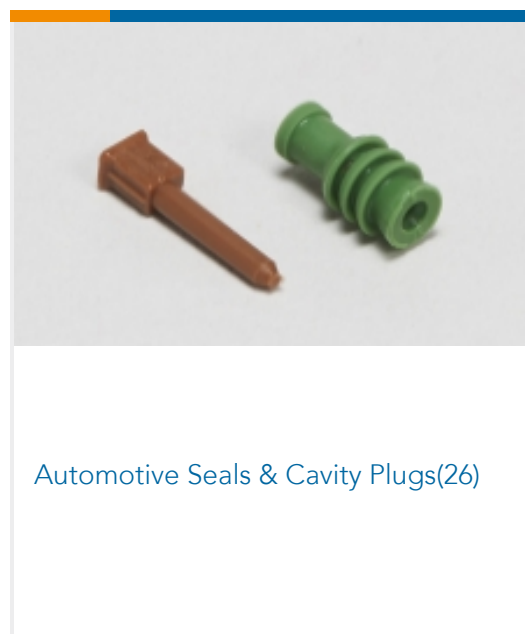
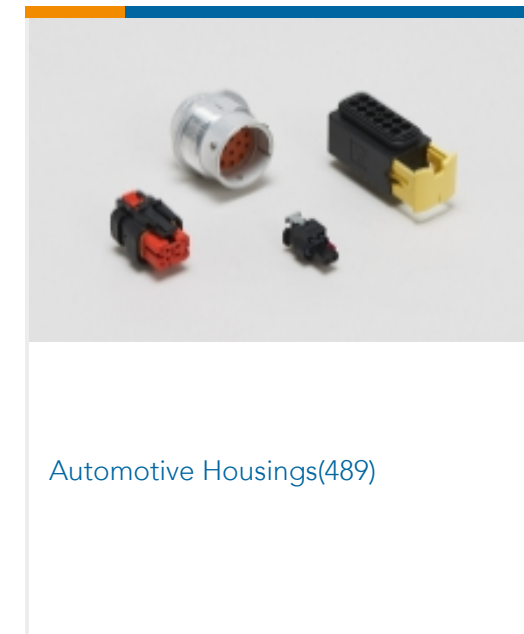
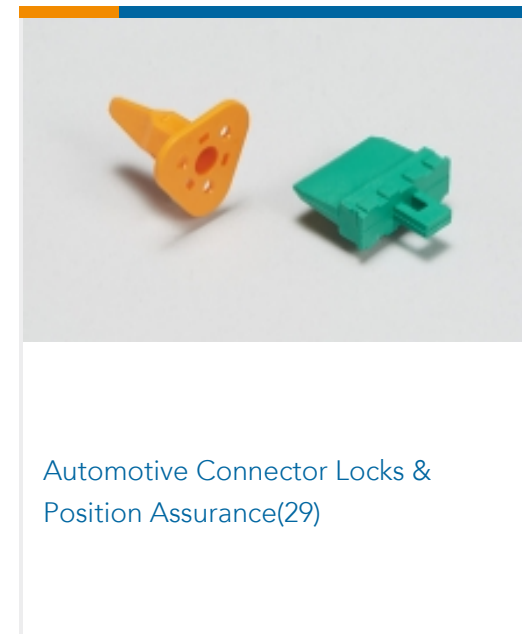
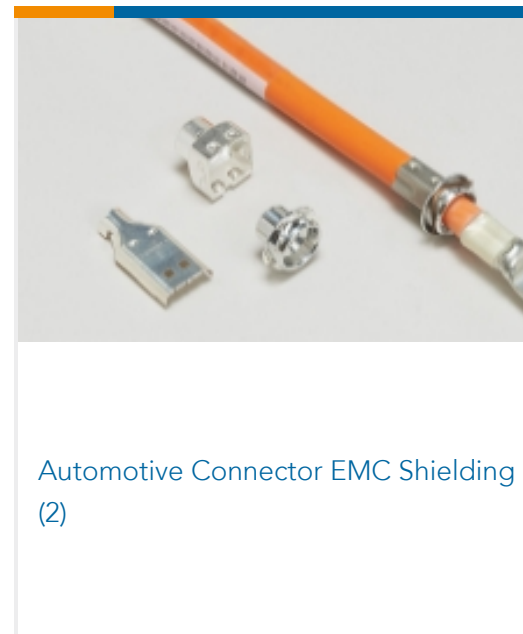
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

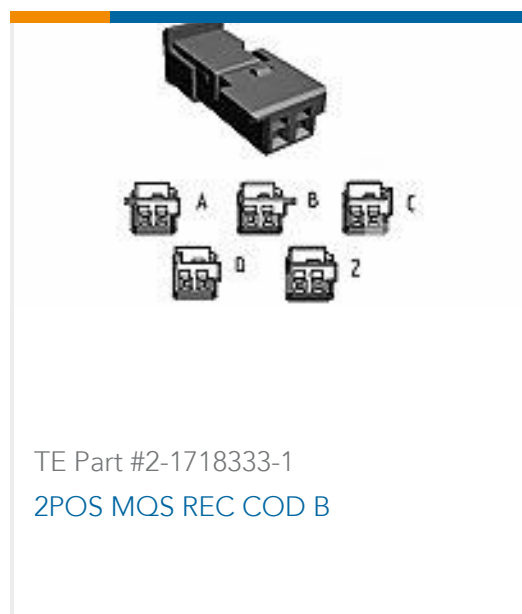
 <p>TE Part # CAT-M8793-CH8172 MQS, CONNECTOR HOUSING</p>	 <p>TE Part # 6-1579007-1 EXTRACTION TOOL</p>	 <p>TE Part # 2305570-1 TERMINAL CUTTER, SIDE FEED</p>	 <p>TE Part # 3-1579001-5 ERGO DIE MQS 0,5-0,75</p>
 <p>TE Part # CAT-SIGH262 SIGNAL HEADER</p>	 <p>TE Part # 2301238-1 DTB PLUG HSG ASSY, 49POSN., FAKRA TYPE</p>	 <p>TE Part # 1393355-2 C23372A2C843=CS CA BORDNETZE</p>	 <p>TE Part # CAT-HPCH5372 HIGH PIN COUNT HEADER</p>
 <p>TE Part # 1-969489-3 6POS MQS REC COD A</p>	 <p>TE Part # 1308374-1 EXTRACTION TOOL</p>	 <p>TE Part # 2-2151491-1 OCEAN_2.0_APPLICATOR-S- 055F0800</p>	 <p>TE Part # 2-2151491-2 OCEAN_2.0_APPLICATOR-S- 055F0800</p>



Also in the Series | **MQS**



Customers Also Bought



TE Part #2-1718333-1
2POS MQS REC COD B



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



TE Part #968678-2
MQS, RECEPTACLE AND TAB



TE Part #2141970-3
MCON 1.2 LL REC SWS AG



TE Part #2236139-1
BLIND CONNECTOR, TE, MCON 0,5

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](#)

German



Application Specification

English

Product Environmental Compliance

[MD_5-963715-1_05252018521_dmtec](#)

English

[MD_5-963715-1_05252018521_dmtec](#)

English