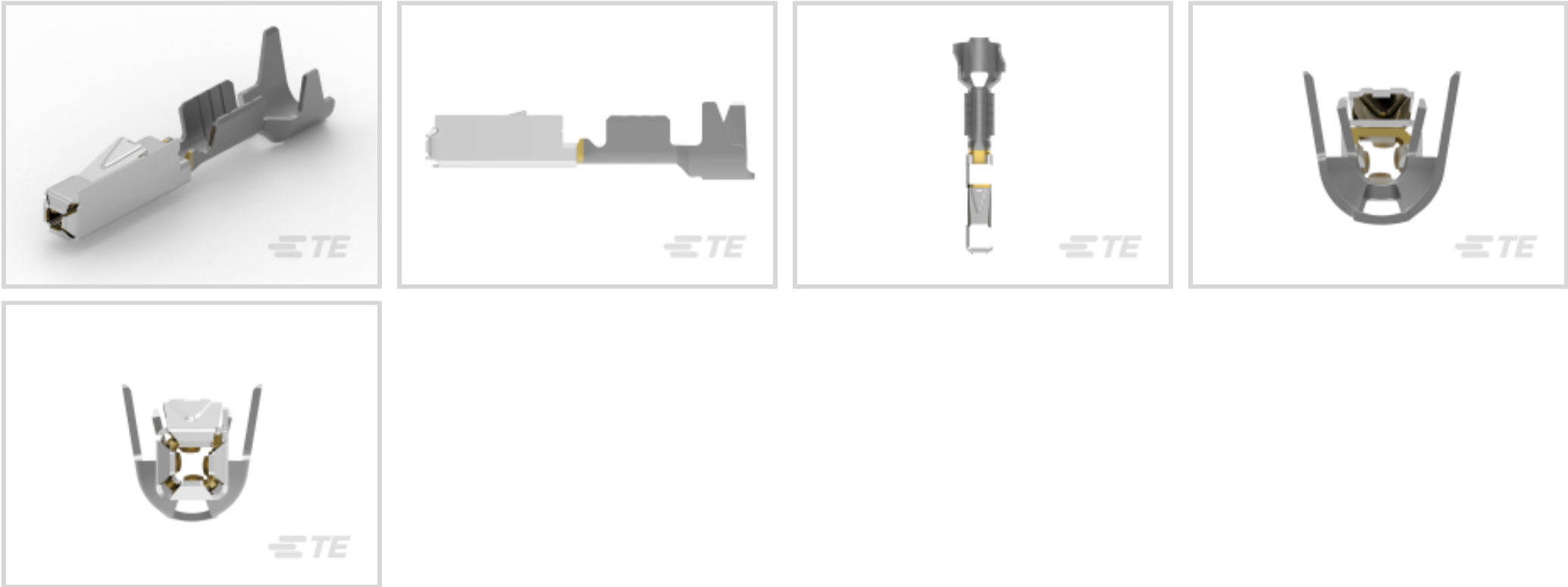




MQS

TE Internal #: 5-965906-5
Automotive Terminals, Receptacle, Mating Tab Width .63 mm [.025 in], Tab Thickness .63 mm [.025 in], 20 – 18 AWG Wire Size, .5 – .75 mm² Wire Size
[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 \(99\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Contact Size	.63mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Gold
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)

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 mm²
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, 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

Conforms to KOMAX Automatic Component Insertion Guideline	Yes, per Version 5.0 (March 2018)
Compatible With Wire Base Material	Copper

Industry Standards

Compatible With Agency/Standards Products	LV214
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Packaging Features

Packaging Quantity	9000
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>

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

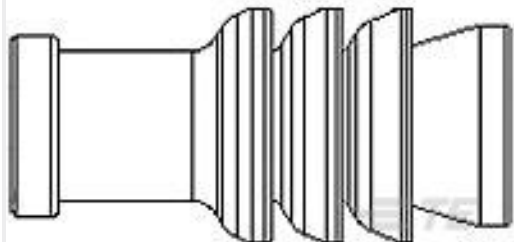
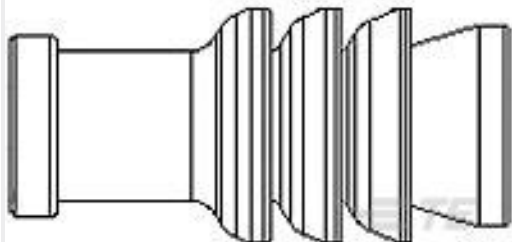


EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for 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 # 967067-1 MQS SGL WIRE SEAL	 TE Part # 6-1579007-1 EXTRACTION TOOL	 TE Part # 963142-1 MQS SINGLE-WIRE SEAL FOR 4MM
 TE Part # 1-967658-1 8pos MQS .63 header 90deg	 TE Part # 1-967067-1 MQS SGL WIRE SEAL	 TE Part # 2063530-1 SDE MQS 0.5-0.75mm2 ASSY	 TE Part # 2063530-2 SDE MQS 0.5-0.75mm2 DIE SET



TE Part # 2134557-2
8POS MQS REC

TE Part # 2151038-1
OCEAN_2.0_APPLICATOR-S-055F114O-RSM

TE Part # 2151038-2
OCEAN_2.0_APPLICATOR-S-055F114O-RSA

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

TE Part # 5-2151038-1
OCEAN_2.0_APPLICATOR-S-055F114O-RSM

TE Part # 5-2151038-2
OCEAN_2.0_APPLICATOR-S-055F114O-RSA

TE Part # 7-2151038-7
OCEAN_2.0_SPARE_PART_KIT-055F114O

TE Part # 7-2266058-7
OC-055F114O-752-CRIMPTOOLILNGKIT

TE Part # 7-2151038-1
OCEAN_2.0_APPLICATOR-S-055F114O

TE Part # 2386459-1
EXTRACTION TOOL

Customers Also Bought

TE Part #967067-1
MQS SGL WIRE SEAL

TE Part #2-967616-1
6POS MQS REC SEALED COD B

TE Part #927849-2
STC REC 6.3 Contact SRC Sn

TE Part #206247P032
SCT Heat Shrink Tubing

TE Part #1420011-1
GET CONNECTOR

TE Part #1438098-1
40 WAY PLUG ASSY KEY H

TE Part #2360105-1
REC CONN CVR ASSY,112POS, HYBRID,180DEG

TE Part #3-2177515-2
32POS, MIXED,REC HSG,ASSY, SEALED



Documents

Product Drawings

[MQS0,63 Au rec LL EDS 0,5-0,75](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5-965906-5_E.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5-965906-5_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-965906-5_E.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