

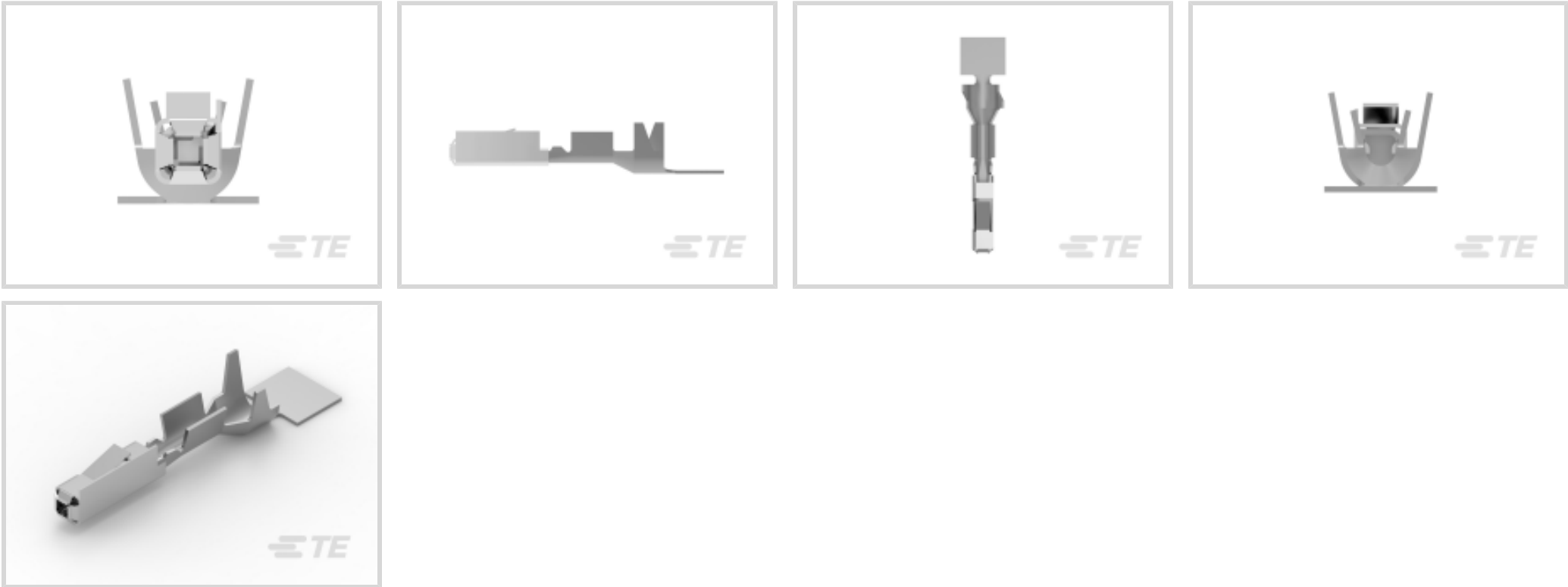


MQS

TE Internal #: 5-965906-1
Receptacle, Mating Tab Width .63 mm [.025 in], Tab Thickness .63 mm [.025 in], 20 – 18 AWG Wire Size, .5 – .75 mm² Wire Size, Automotive Terminals

[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 \(98\)](#)

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	Tin
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)

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[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

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: JUNE 2024 (241)
Candidate List Declared Against: JUNE 2024 (241)
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 # 2361221-1
2POS, MQS, REC HSG

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 # 2386459-1
EXTRACTION TOOL

Customers Also Bought

TE Part #967067-1
MQS SGL WIRE SEAL

TE Part #5-965908-1
MQS0,63 Sn tab LL EDS 0,5-0,75

TE Part #7-1452668-3
MCON 1.2 LL REC SWS AG

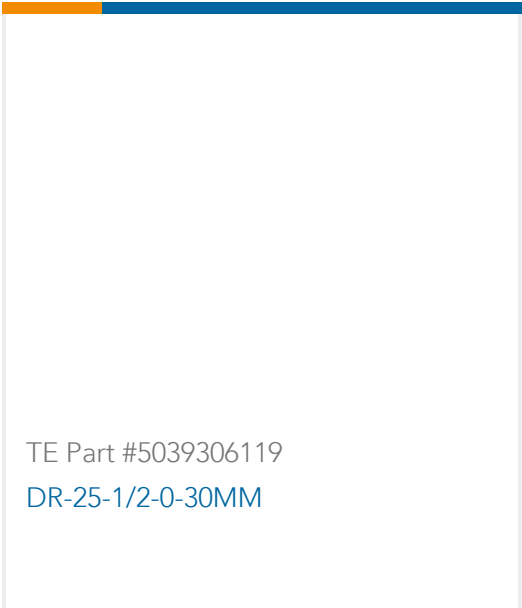
TE Part #ER52966001
RBK-ILS-125-NR1-0-38MM

TE Part #6-928918-3
MQS0,63 Ag tab LL unseal. 0,2-0,35

TE Part #7-2151981-7
OCEAN_2.0_SPARE_PART_KIT-062F125O

TE Part #4-1722368-7
FLOATING SHEAR

TE Part #1-963744-1
TAB CONTACT 5,08X0,8



Documents

Product Drawings

MQS0,63 Sn rec LL EDS 0,5-0,75

English

CAD Files

Customer View Model

ENG_CVM_CVM_5-965906-1_D.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-965906-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-965906-1_D.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

German

Application Specification

English

Application Specification

English

Agency Approvals

Agency Approval Document

English