

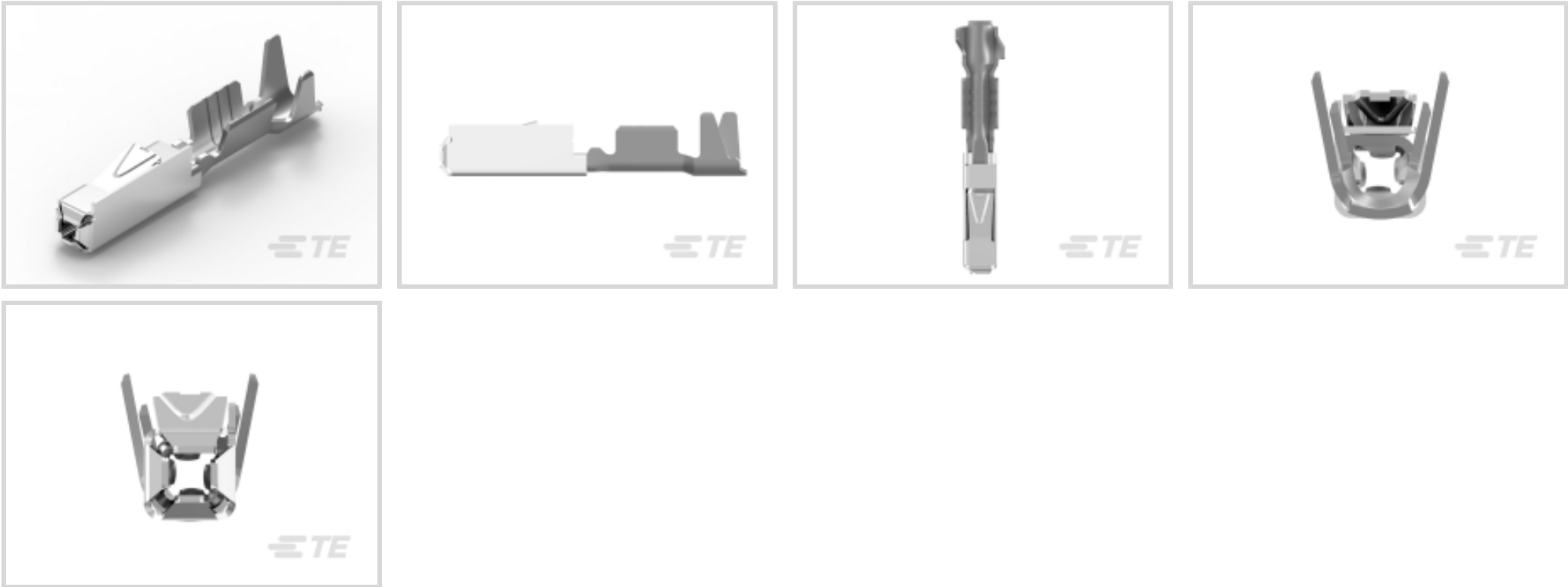


MQS

TE Internal #: 5-963715-1
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

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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	No
Primary Locking Feature	Locking Lance

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	10000
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 # 6-1579007-1 EXTRACTION TOOL	 TE Part # CAT-SIGH262 Signal Header	 TE Part # 2209954-2 AIRBAG 24P COVER ASSY
 TE Part # 2209954-1 AIRBAG 24P COVER ASSY	 TE Part # 1-969489-3 6POS MQS REC COD A	 TE Part # 1308374-1 EXTRACTION TOOL	 TE Part # 1801038-1 SHIELD FOR MQS 18 POS REVERSED ASSY
 TE Part # 2112856-1 5POS MIXED MQS REC COD A	 TE Part # 2141627-1 4POS MIXED MQS REC	 TE Part # 2151491-1 OCEAN_2.0_APPLICATOR-S-055F080O-RSM	 TE Part # 2151491-2 OCEAN_2.0_APPLICATOR-S-055F080O-RSA



TE Part # 2177231-1
3POS,MQS,SOCK HSG,BK

TE Part # 2278598-3
12POS MQS REC

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

TE Part # 2298567-1
22POSN.,REC ASSY, MCON1.2, MQS, MCP2.8

TE Part # 2298622-1
24POS,HYBRID,REC HSG ASSY, UNSLD,COD A

TE Part # 2298633-1
60POS,HYBRID,REC HSG ASSY, UNSLD,COD A

TE Part # 2301238-1
DTB PLUG HSG ASSY, 49POSN., FAKRA TYPE

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

Customers Also Bought

TE Part #1-968322-1
20POS MQS REC COD A

TE Part #968074-2
MQS, RECEPTACLE AND TAB

TE Part #1241390-1
AMP MCP 2.8K, CONTACT

TE Part #7-1452665-1
MCON 1.2 LL REC SWS SN

TE Part #964267-2
TAB A 1.6x0.6 CONTACT CF SRC Sn

TE Part #2151058-2
OCEAN_2.0_APPLICATOR-S-080F100O-RSA

TE Part #9-1924089-6
44p Hyb 2.8/040 Cap Assy, gray, tin

TE Part #1418971-1
CENTER CONTACT, PLUG

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

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Product Specifications

Application Specification

English

Application Specification

German

Application Specification

English