



Terminals & Splices > Automotive Terminals > MQS, RECEPTACLE AND TAB



Terminal Type: **Receptacle**

Mating Tab Width: **.5 mm [.02 in]**

Mating Tab Thickness: **.4 mm [.016 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **24 – 22 AWG**

[All MQS, RECEPTACLE AND TAB \(98\)](#)

Features

Industry Standards

Compatible With Agency/Standards Products	LV214
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Operation/Application

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

Packaging Features

Packaging Method	Reel
Packaging Quantity	17000

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 105 °C, 100 °C, 90 °C, 85 °C[221 °F][176 °F][194 °F][185 °F][212 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]



Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

Dimensions

Compatible Insulation Diameter Range	.95 – 1.3 mm [.037 – .051 in]
Wire Size	.22 – .35 mm ²
Wire Size Search	.3 mm ² , .25 mm ² , .2 mm ²

Contact Features

Typical Current Rating	6 A
Crimp Type	F-Crimp
Contact Size	.5mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Receptacle
Mating Tab Width	.5 mm [.02 in]
Mating Tab Thickness	.4 mm [.016 in]
Interface Plating	Tin (Sn)

Other

Terminal Transmits	0 – 24 A (Low Power)
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 applicable 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>

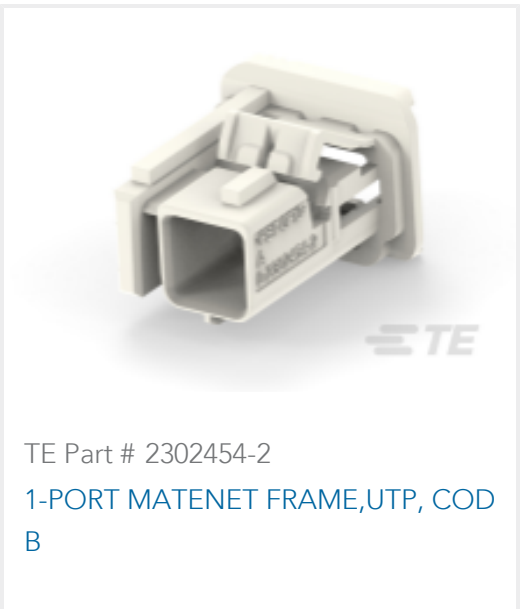
Compatible Parts



TE Part # CAT-M8793-CH8172
MQS, CONNECTOR HOUSING



TE Part # 1802105-1
1PORT,MATENET,REC HSG,SLD,COD A,UTP,ASSY



TE Part # 2302454-2
1-PORT MATENET FRAME,UTP, COD B



TE Part # 2307961-1
2-PORT MATENET FRAME,STP, COD A



TE Part # 2309873-2
6POS,NANOMQS,REC HSG ASSY, COD B



TE Part # 2280687-1
EXTRACTION TOOL



TE Part # 1-1579028-0
EXTRACTION TOOL



TE Part # 1-2177466-2
4POS,NANOMQS,REC HSG,COD B





TE Part # 1-2236905-1
NANO TAB 0.5X0.4,TERMINAL



TE Part # 1579028-9
EXTRACTION TOOL



TE Part # 1802105-2
1PORT,MATENET,REC HSG,SLD,COD
B,UTP,ASSY



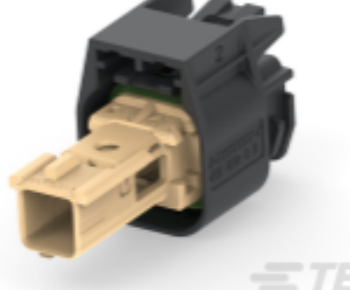
TE Part # 1802105-3
1PORT,MATENET,REC HSG,SLD,COD
C,UTP,ASSY



TE Part # 1802105-4
1PORT,MATENET,REC HSG,SLD,COD
D,UTP,ASSY



TE Part # 1802105-5
1PORT,MATENET,REC HSG,SLD,COD
E,UTP,ASSY



TE Part # 1802105-7
1PORT,MATENET,REC HSG,SLD,COD
J,UTP,ASSY



TE Part # 1802105-9
1PORT,MATENET,REC HSG,SLD,COD
Z,UTP,ASSY



TE Part # 2151523-2
OCEAN_2.0_APPLICATOR-S-
042F042O-RSA



TE Part # 2151524-2
OCEAN_2.0_APPLICATOR-S-
042F050O-RSA



TE Part # 2236905-1
NANO TAB 0.5X0.4,TERMINAL



TE Part # 2266703-2
OCEAN_2.0_APPLICATOR-S-
042F050O-RSA

Also in the Series | Nano MQS



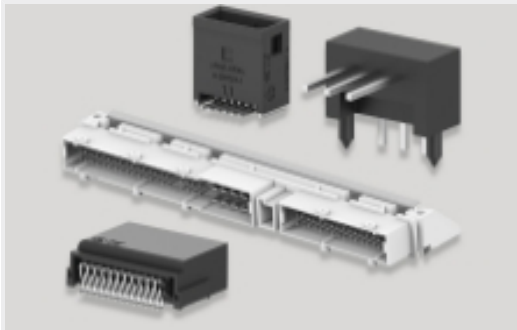
Automotive Housings(55)



Automotive Terminals(7)



Insertion & Extraction Tools(6)

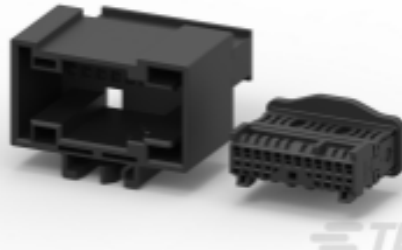


PCB Headers & Receptacles(20)

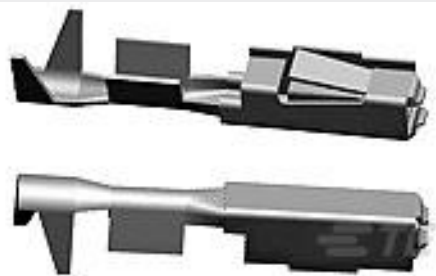
Customers Also Bought



TE Part #2302450-1
MATENET, FEMALE INSERT MODUL,
BLACK



TE Part #2208340-1
MQS, CONNECTOR HOUSING



TE Part #5-928999-1
MQS0,63 Sn rec LL unseal. >0,2-0,35



TE Part #1-2236905-1
NANO TAB 0.5X0.4,TERMINAL



Documents

Product Drawings
NANOMQS, RECEPTACLE TERMINAL
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2-1703930-1_F.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_2-1703930-1_F.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_2-1703930-1_F.3d_stp.zip
English

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Product Specifications
Application Specification
German
Application Specification
German
Application Specification
English