2-1703930-1 ✔ ACTIVE

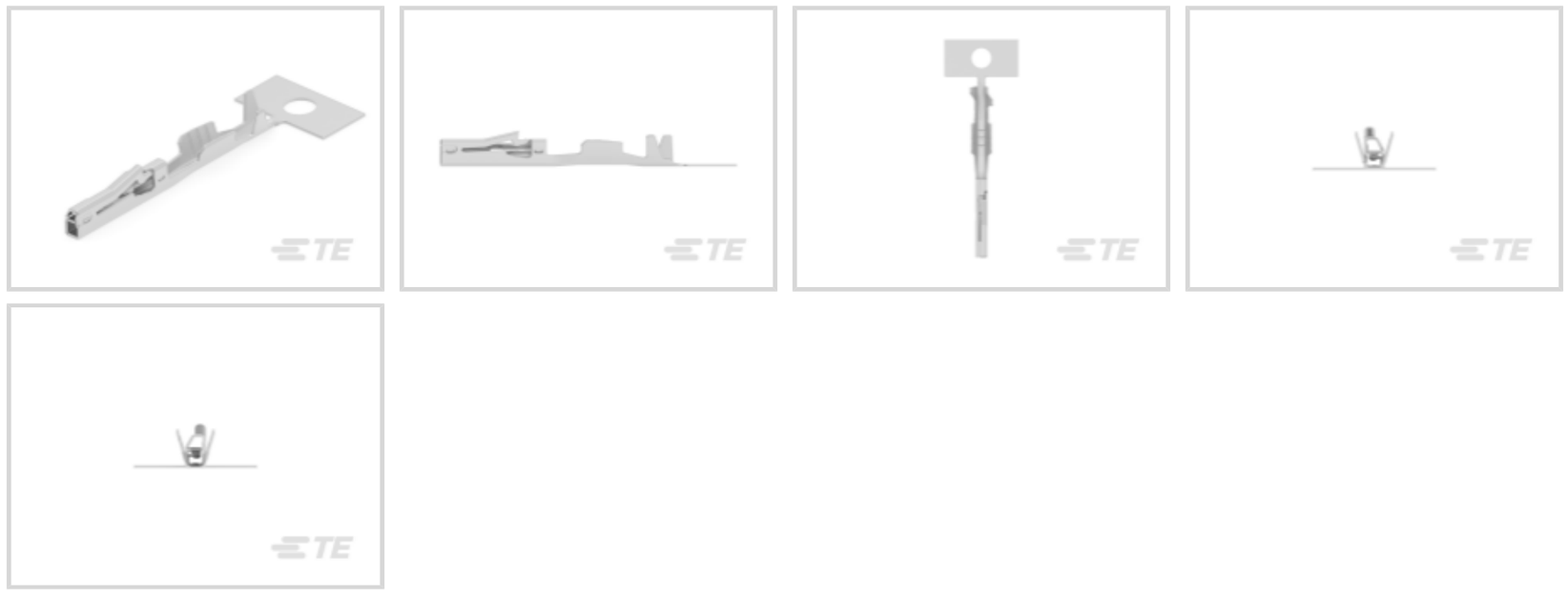
Nano MQS

TE Internal #: 2-1703930-1

Automotive Terminals, Receptacle, Mating Tab Width .5 mm [.02 in], Tab Thickness .4 mm [.016 in], 24 - 22 AWG Wire Size, Nano MQS

View on TE.com >

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 (99)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	.95 - 1.3 mm[.037 - .051 in]
Wire Size	.22 - .35 mm^2
Wire Size Search	22 AWG, 23 AWG, 24 AWG

Usage Conditions

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

Packaging Features

Packaging Quantity	17000
Packaging Method	Reel

Other

Terminal Transmits	0 - 24 A (Low Power)

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 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 # 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,CODB



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



TE Part # 1579028-9
EXTRACTION TOOL



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



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



TE Part # 2282152-2
4POS,NANOMQS,REC HSG,CODB



TE Part # 2282154-2
6POS,NANOMQS,REC HSG,CODB

Also in the Series | Nano MQS



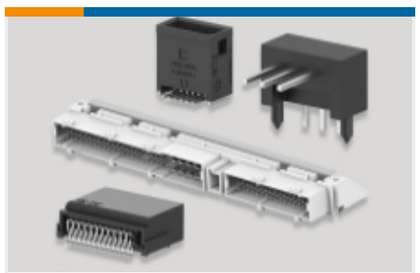
Automotive Housings(55)



Automotive Terminals(8)



Insertion & Extraction Tools(6)



PCB Headers & Receptacles(20)

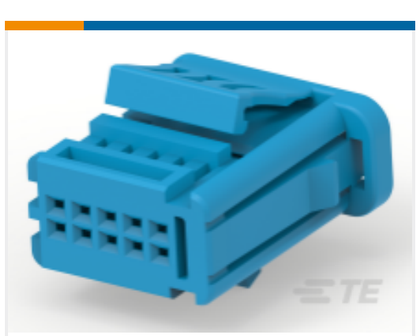
Customers Also Bought



TE Part # 2208340-1
MQS, CONNECTOR HOUSING



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



TE Part # 2208339-3
10POS,NANOMQS,REC HSG,COD C



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



TE Part # 2302452-3
MATENET,FIXATION ELEMENT



TE Part # 2333108-1
8POS,NANOMQS,REC HSG ASSY, COD A

TE Part # 3-691157-8
BLADE, SHEAR

TE Part # 5-1803426-2
ANVIL, COMBINATION,NO JOG, END FEED

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

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

Micro Quadlok Interconnection System (MQS)

English

Product Specifications

Application Specification

English

Application Specification

German

Application Specification