

1-1703930-1 ✓ ACTIVE

## Nano MQS

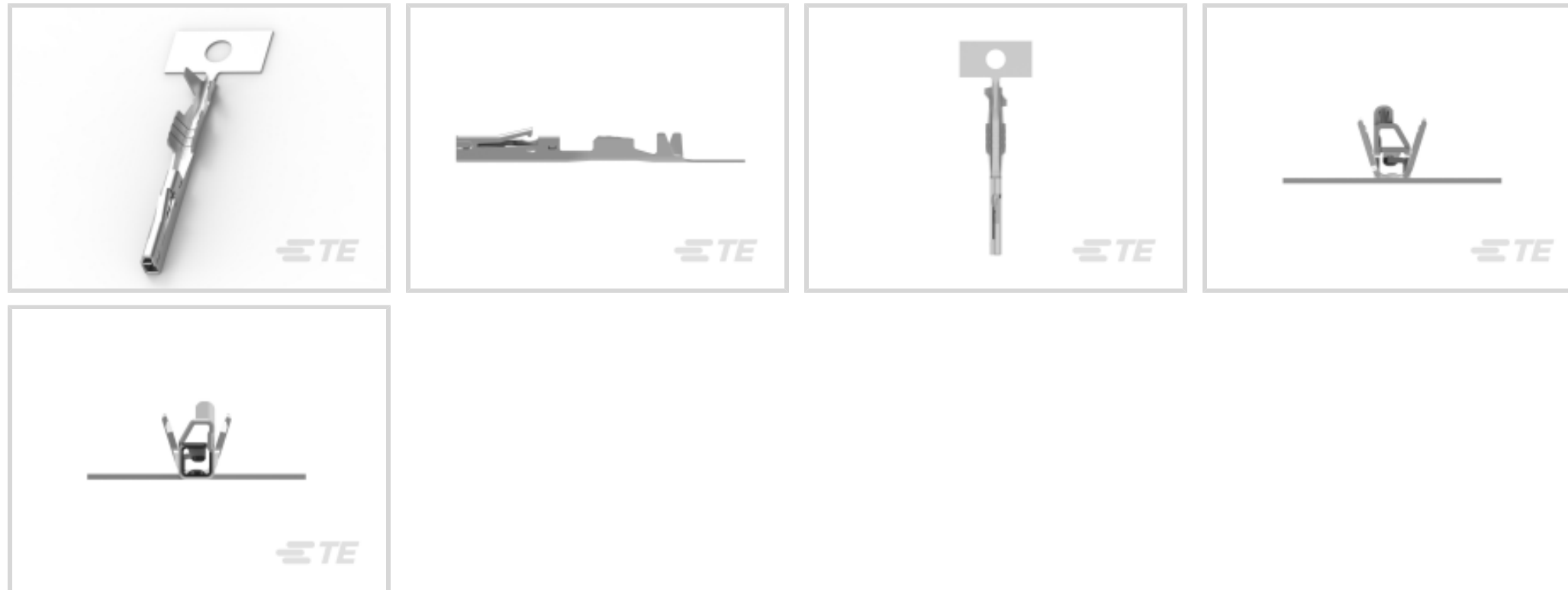
TE Internal #: 1-1703930-1

Automotive Terminals, Receptacle, Mating Tab Width .5 mm [.02 in], Tab Thickness .016 in [.4 mm], 26 – 25 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: **26 – 25 AWG**

[All MQS, RECEPTACLE AND TAB \(125\)](#)

## Features

### Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

### Contact Features

Contact Size	.5mm
Contact Fabrication	Stamped & Formed
Typical Current Rating	3 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)
Contact Termination Area Plating Material	Tin (Sn)



### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

### Dimensions

Wire Size	.13 – .17 mm <sup>2</sup>
Wire Size Search	25 AWG, 26 AWG
Wire Insulation Diameter	.85 – 1.1 mm [.033 – .043 in]

### 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

Compatible With Wire Base Material	Copper
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### Industry Standards

Agency/Standard	LV214
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### Packaging Features

Packaging Method	Reel
Packaging Quantity	17000

### Other

Terminal Transmits	0 – 24 A (Low Power)
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### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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



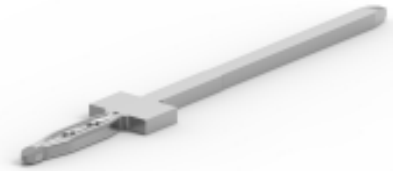
TE Part # 2305570-1  
TERMINAL CUTTER, SIDE FEED



TE Part # 4-1579014-0  
CS11K NANO-MQS, 0.13-0.35 SQ.M



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



TE Part # CAT-AC853-T273  
PRESS FIT PIN TERMINALS



TE Part # 1-1579028-0  
EXTRACTION TOOL



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 # 2-2151332-2  
OCEAN\_2.0\_APPLICATOR-S-035F042O



TE Part # 2151332-2  
OCEAN\_2.0\_APPLICATOR-S-035F042O



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



TE Part # 2280687-1  
EXTRACTION TOOL




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(53)



Automotive Terminals(7)



Insertion & Extraction Tools(6)



PCB Headers & Receptacles(28)

Customers Also Bought



TE Part #1241406-3  
AMP MCP 6.3/4.8K, CONTACT



TE Part #2141828-1  
MQS, RECEPTACLE AND TAB



TE Part #2141861-1  
MCON, RECEPTACLE AND TAB



TE Part #1-2141857-1  
AMP MCP 2.8, CONTACT



TE Part #1-2141857-3  
AMP MCP 2.8, CONTACT



TE Part #2112669-1  
23POS MIXED MQS REC



## Documents

### Product Drawings

[NANOMQS, RECEPTACLE TERMINAL](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1703930-1\\_E.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1703930-1\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1703930-1\\_E.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

[Micro Quadlok Interconnection System \(MQS\)](#)

English

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### Product Specifications

[Application Specification](#)

German

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### Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English