



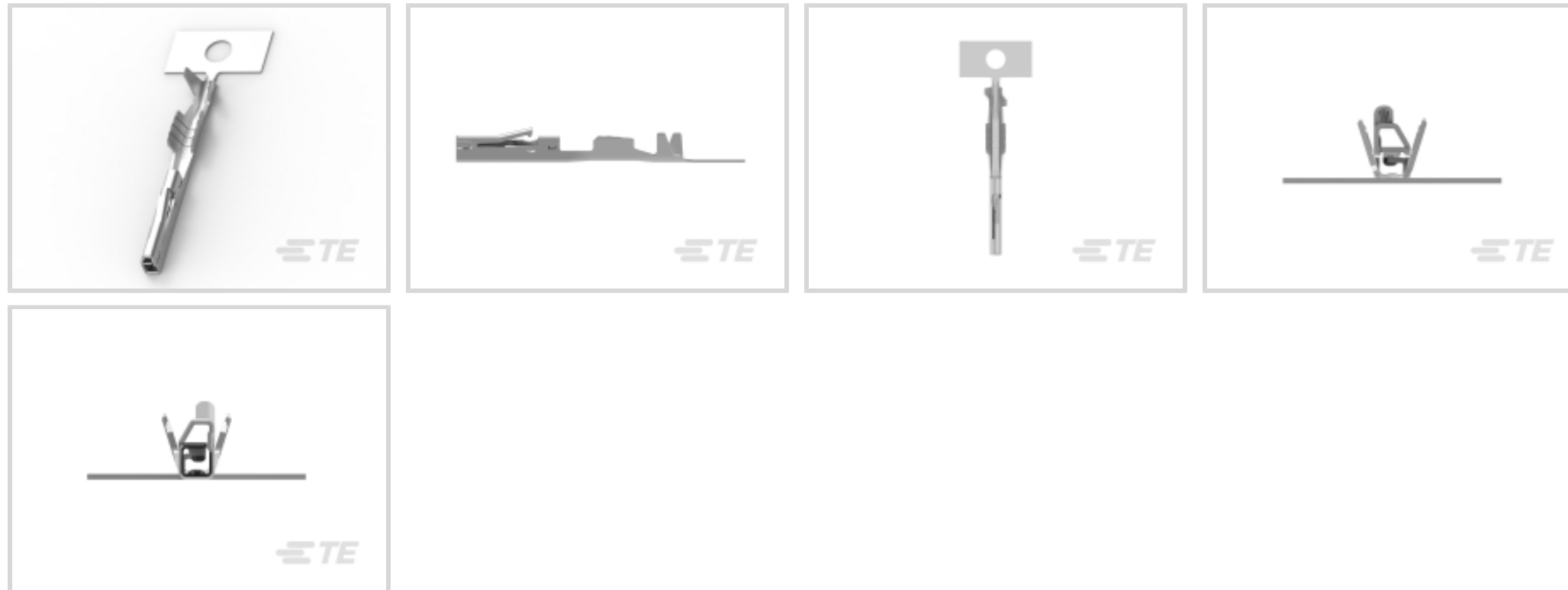
Nano MQS

TE Internal #: 2-1703930-1

Automotive Terminals, Receptacle, Mating Tab Width .5 mm [.02 in], Tab Thickness .016 in [.4 mm], 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 \(125\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

Contact Features

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)
Contact Termination Area Plating Material	Tin (Sn)

Termination Features

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Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	.22 – .35 mm ²
Wire Size Search	22 AWG, 23 AWG, 24 AWG
Wire Insulation Diameter	.95 – 1.3 mm [.037 – .051 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>](#)

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 # CAT-M8793-CH8172
MQS, CONNECTOR HOUSING



TE Part # 2305570-1
TERMINAL CUTTER, SIDE FEED



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



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 # 2-2151523-2
OCEAN_2.0_APPPLICATOR-S-
042F042O



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



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



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



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

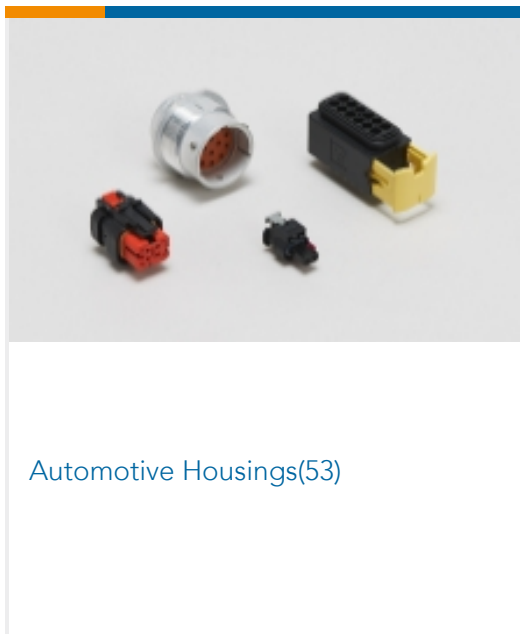


TE Part # 2236905-1
NANO TAB 0.5X0.4, TERMINAL

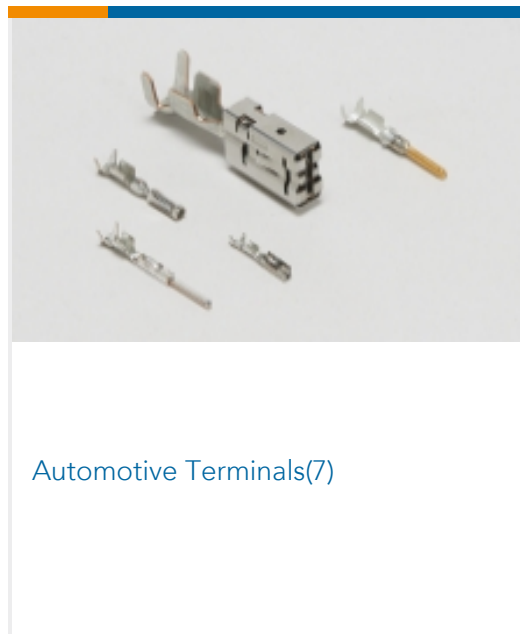


TE Part # 2266703-2
OCEAN_2.0_APPPLICATOR-S-
042F050O

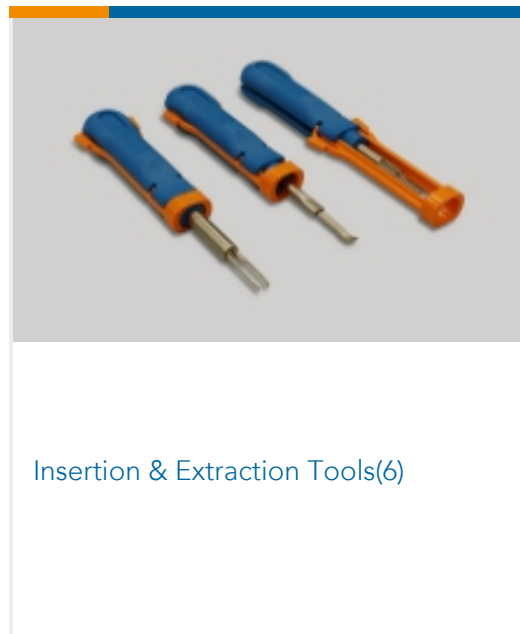
Also in the Series | Nano MQS



Automotive Housings(53)



Automotive Terminals(7)



Insertion & Extraction Tools(6)



PCB Headers & Receptacles(27)

Customers Also Bought



TE Part #1-1703930-1
MQS, RECEPTACLE AND TAB



TE Part #1241388-1
AMP MCP 2.8K, CONTACT



TE Part #1394139-1
8POS MQS REC



TE Part #5-1418758-1
MCON, RECEPTACLE AND TAB



TE Part #2236139-1
BLIND CONNECTOR, TE, MCON 0,5



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 Conditions](#) of use.

Datasheets & Catalog Pages

Micro Quadlok Interconnection System (MQS)

English

Product Specifications

Application Specification

German

Product Environmental Compliance

Product Compliance

English

Product Compliance

English