

2-1703930-4 ✓ ACTIVE

NanoMQS | Nano MQS

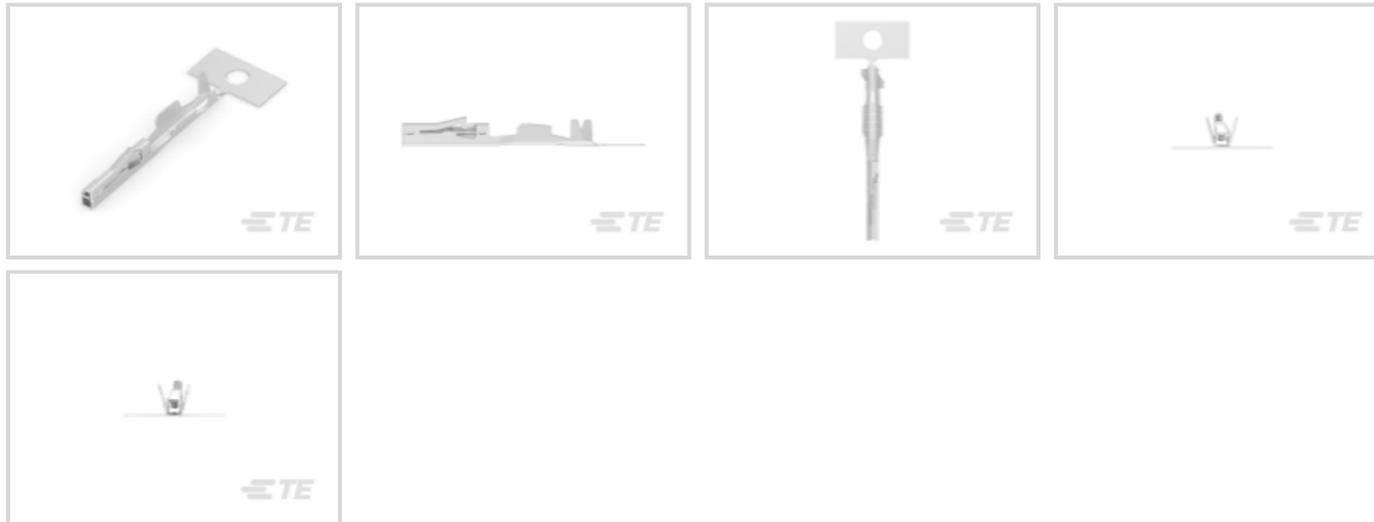
TE Internal #: 2-1703930-4

Receptacle Terminal, 24 – 22 AWG, .22 – .35 mm<sup>2</sup> Wire, .5 mm [.02 in] Tab Width, Tin (Sn), .4 mm [.016 in] Tab Thickness, Unsealed, Nano MQS

[View on TE.com >](#)



Automotive Parts > Automotive Terminals



Terminal Type: **Receptacle**

Wire Size: **24 – 22 AWG**

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

Interface Plating: **Tin (Sn)**

## Features

### Product Type Features

Receptacle Style	180°
Primary Locking Feature	Locking Lance
Sealable	No

### Body Features

Terminal Seal Type	Unsealed
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### Contact Features

Typical Current Rating	3 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]
Interface Plating	Tin (Sn)
Mating Tab Thickness	.4 mm [.016 in]



### 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	24 – 22 AWG
Wire Size Search	.2 mm <sup>2</sup> , .25 mm <sup>2</sup> , .3 mm <sup>2</sup>
Tab Length	13.9 mm [.55 in]

### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	130 °C [266 °F]
Operating Temperature Range	-40 – 130 °C [-40 – 266 °F]

### Operation/Application

Compatible With Wire Base Material	Copper
Conforms to Automation Guideline	Yes, DIN 72036 Automation of Wiring Harness Production, Version June 2024, Yes, KOMAX Guideline for automatic component insertion for electrical connections, Version 5.0 (March 2018)

### Industry Standards

Compatible With Agency/Standards Products	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: JUNE 2025 (250)  
 Candidate List Declared Against: JUNE 2025 (250)  
 Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F < 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>

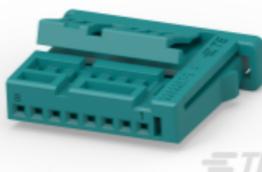
## Compatible Parts



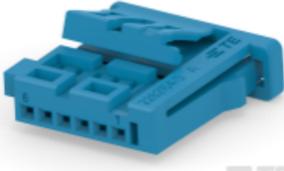
TE Part # 2302455-3  
5-PORT MATENET FRAME, UTP, COD C



TE Part # 2395362-1  
SDE F NANOMQS 24-22 ASSY



TE Part # 2282267-9  
8POS,NANOMQS,REC HSG,CODZ



TE Part # 2282154-3  
6POS,NANOMQS,REC HSG,CODC



TE Part # 2302454-3  
1-PORT MATENET FRAME,UTP, COD C



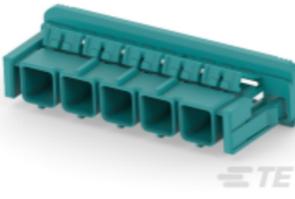
TE Part # 1802105-2  
1PORT,MATENET,REC HSG,SLD,COD B,UTP,ASSY



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



TE Part # 2324309-2  
3-PORT MATENET FRAME, UTP, COD B

TE Part # 2302455-9  
5-PORT MATENET FRAME, UTP, COD Z



TE Part # 2302455-1  
5-PORT MATENET FRAME, UTP, COD A



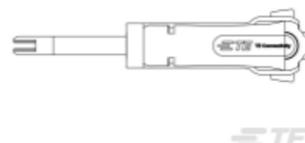
TE Part # 2151523-2  
OCEAN\_2.0\_APPLICATOR-S-042F042O-RSA



TE Part # 9-1579028-7  
CHECKING TOOL



TE Part # 2305974-3  
2-PORT MATENET FRAME, UTP, COD C



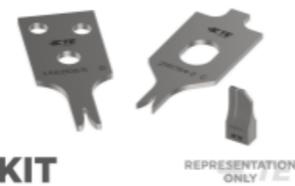
TE Part # 4-1579028-0  
CHECKING TOOL



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



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



**KIT**  
TE Part # 7-2151524-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-042F0500



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

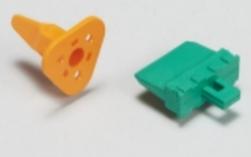


TE Part # 2307961-9  
2-PORT MATENET FRAME, STP, COD Z



TE Part # 2151524-2  
OCEAN\_2.0\_APPLICATOR-S-042F0500-RSA

Also in the Series | **Nano MQS**



Automotive Connector Locks & Position Assurance(3)



Automotive Housings(118)

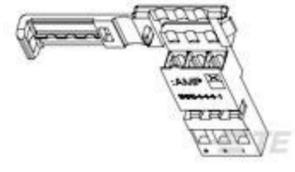


Automotive Seals & Cavity Plugs(1)



Automotive Signal & Power Connector Housings(118)

Customers Also Bought



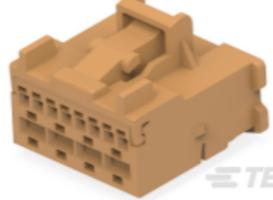
TE Part #965444-1  
3POS MQS REC



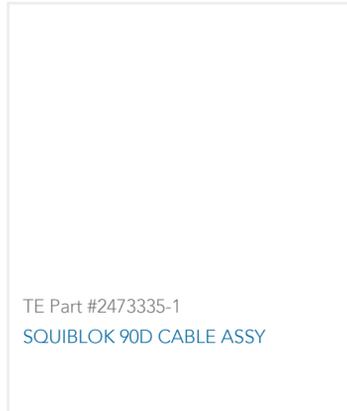
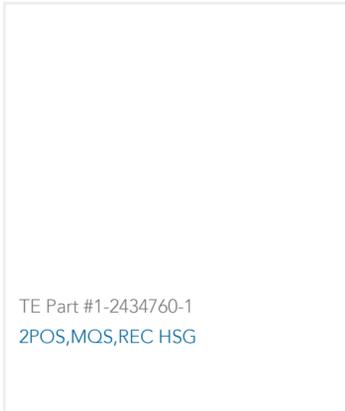
TE Part #2302450-1  
MATENET, FEMALE INSERT MODUL, BLACK



TE Part #2312106-1  
6POS, NANOMQS, REC HSG ASSY, COD A



TE Part #2322347-2  
12POS, HYBRID, REC HSG, UNSLD, COD 2



## Documents

### Product Drawings

#### NANOMQS, RECEPTACLE TERMINAL

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-1703930-4\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-1703930-4\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-1703930-4\\_A.3d\\_stp.zip](#)

English

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### Product Specifications

#### Application Specification

German