



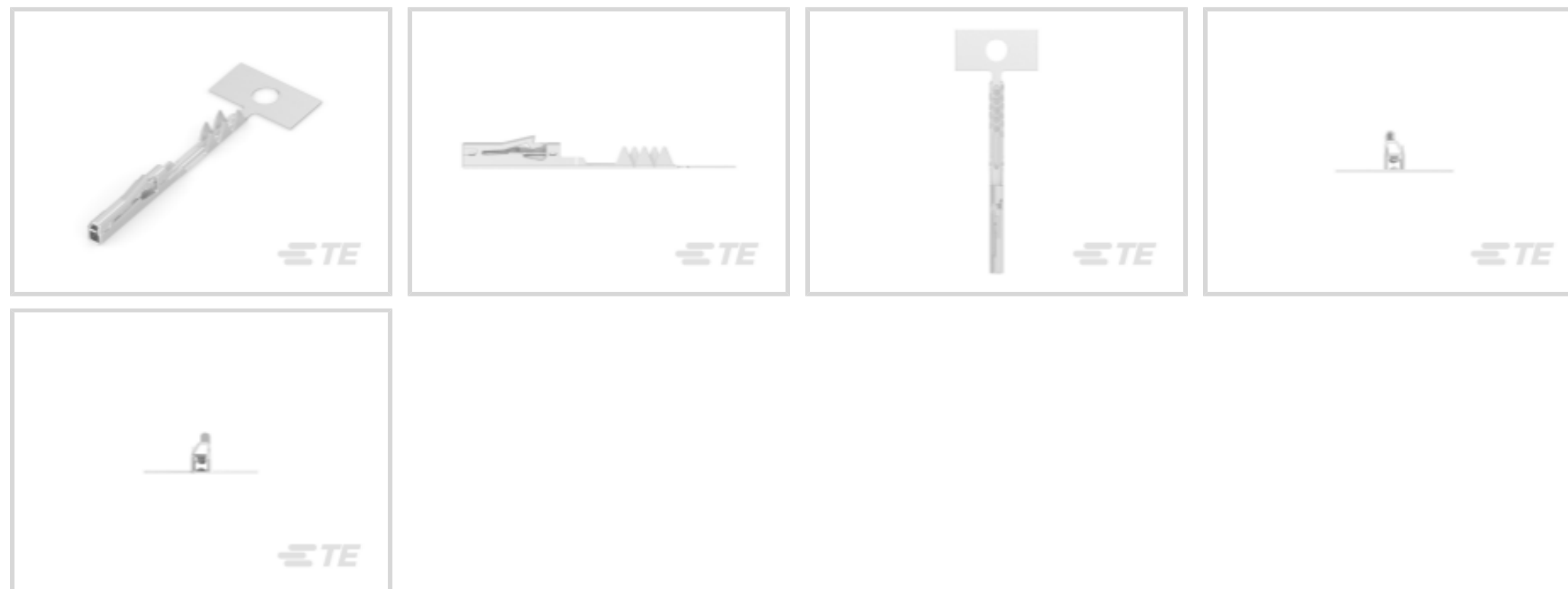
Nano MQS

TE Internal #: 1-2291853-1

Automotive Terminals, Receptacle, Mating Tab Width .5 mm [.02 in], Tab Thickness .4 mm [.016 in], Tin (Sn) Interface Plating, 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)**

Sealable: **No**

[All MQS, RECEPTACLE AND TAB \(109\)](#)

**Features**

**Product Type Features**

Sealable	No
Primary Locking Feature	Locking Lance

**Contact Features**

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

**Termination Features**

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Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire
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### Usage Conditions

Insulation Option	Uninsulated
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### Operation/Application

Compatible With Wire Base Material	Copper
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### Industry Standards

Agency/Standard	LV214
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### Packaging Features

Packaging Quantity	17000
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Packaging Method	Reel
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### 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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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#### 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 # 2303088-2  
32POS,NANOMQS,REC HSG,UNSLD,  
COD A,FFC



TE Part # 2303088-3  
32POS,NANOMQS,REC HSG,UNSLD,  
COD B,FFC



TE Part # 2365086-1  
20POS,NANOMQS,REC HSG,UNSLD,  
COD A,FFC



TE Part # 1-2382718-1  
40POS,NANOMQS,REC HSG,UNSLD,  
COD A,FFC



TE Part # 3-528508-7  
APPLIC. AIR FEED FFC-NANO MQS

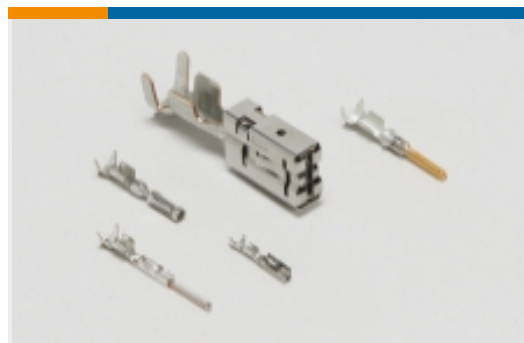


TE Part # 2413730-2  
FFC 300 Semi-Auto Machine -  
NanoMQS

## Also in the Series | Nano MQS



Automotive Housings(55)



Automotive Terminals(8)



Insertion & Extraction Tools(6)

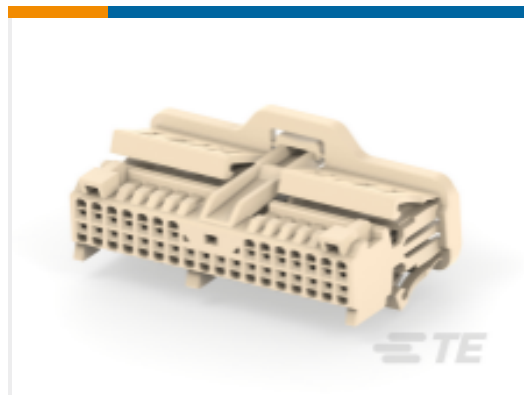


PCB Headers & Receptacles(19)

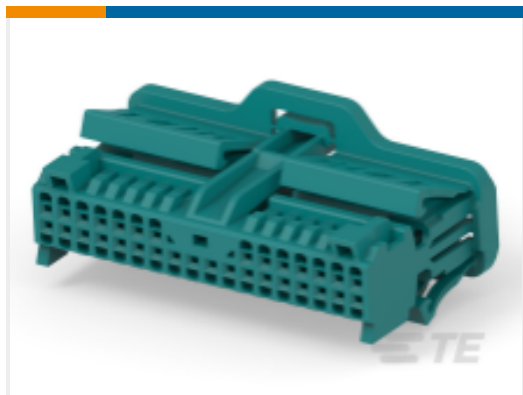
## Customers Also Bought



TE Part #2303088-2  
32POS,NANOMQS,REC HSG,UNSLD,  
COD A,FFC



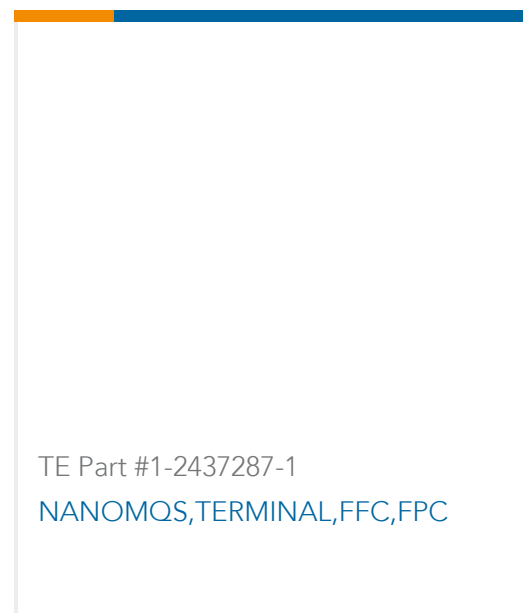
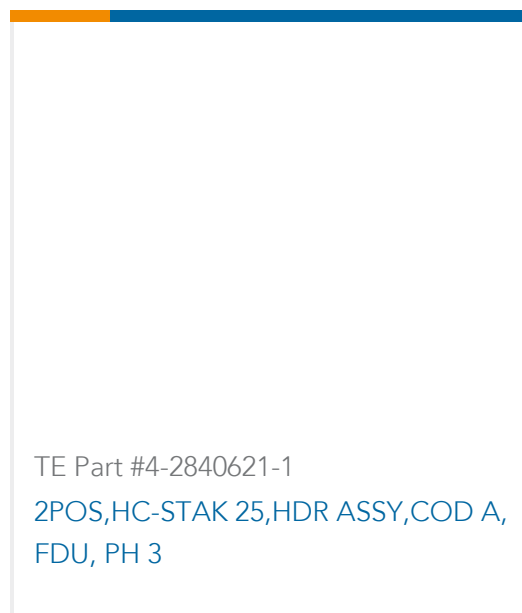
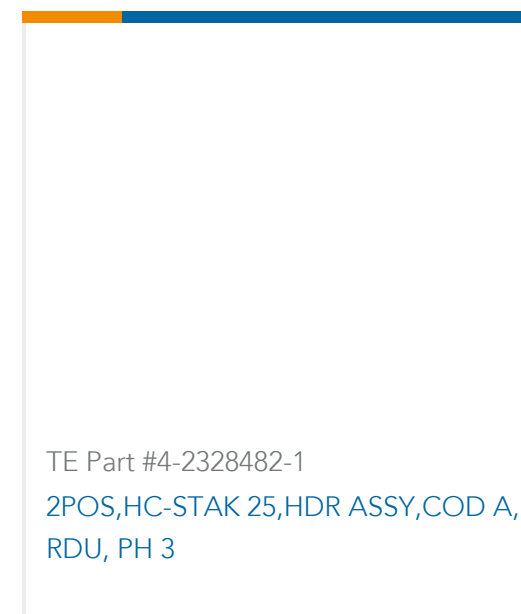
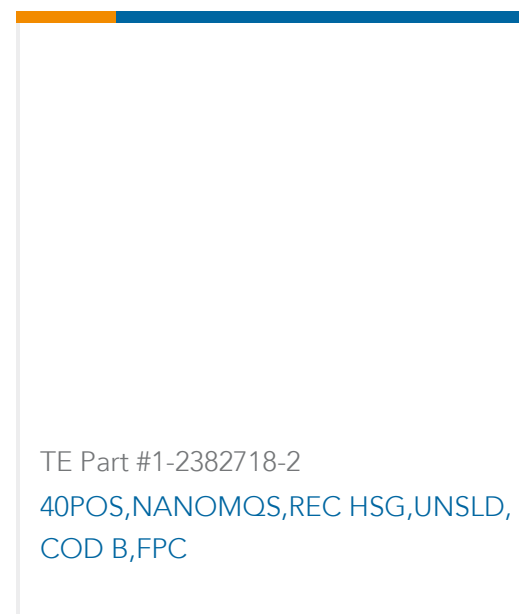
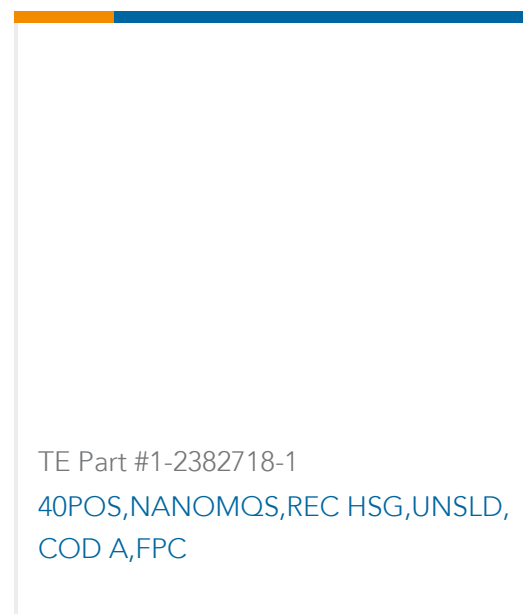
TE Part #2303088-3  
32POS,NANOMQS,REC HSG,UNSLD,  
COD B,FFC



TE Part #2367107-1  
32POS,NANOMQS,REC HSG,UNSLD,  
COD NEUT



TE Part #2382323-1  
32POS,NANOMQS,REC HSG,UNSLD,  
COD A,FFC



## Documents

### Product Drawings

#### NANO MQS CONTACT FFC, FPC

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-2291853-1\\_B.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-2291853-1\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-2291853-1\\_B.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