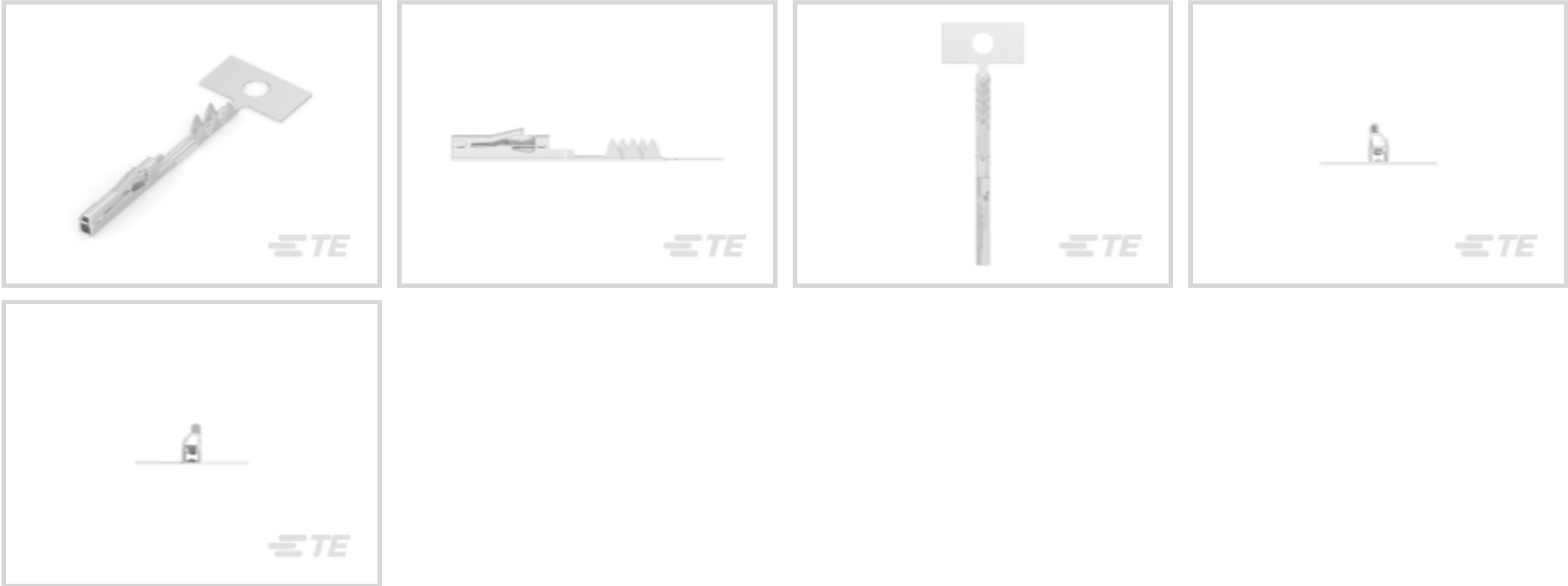




Automotive Parts > Automotive Terminals > MQS, RECEPTACLE AND TAB



Terminal Type: **Receptacle**  
Mating Tab Width: **.5 mm [ .02 in ]**  
Interface Plating: **Tin (Sn)**  
Primary Locking Feature: **Locking Lance**  
Sealable: **No**

[All MQS, RECEPTACLE AND TAB \(97\)](#)

Features

Product Type Features

|                         |               |
|-------------------------|---------------|
| Primary Locking Feature | Locking Lance |
| Sealable                | No            |

Body Features

|                    |          |
|--------------------|----------|
| Terminal Seal Type | Unsealed |
|--------------------|----------|

Contact Features

|                                                |                  |
|------------------------------------------------|------------------|
| Crimp Type                                     | FFC 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

|            |                 |
|------------|-----------------|
| Tab Length | 13.7 mm[.54 in] |
|------------|-----------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Uninsulated                |
| Operating Temperature (Max) | 105 °C[221 °F]             |
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |

Operation/Application

|                                    |        |
|------------------------------------|--------|
| Compatible With Wire Base Material | Copper |
|------------------------------------|--------|

Industry Standards

|                                           |       |
|-------------------------------------------|-------|
| Compatible With Agency/Standards Products | LV214 |
|-------------------------------------------|-------|

Packaging Features

|                    |       |
|--------------------|-------|
| Packaging Method   | Reel  |
| Packaging Quantity | 17000 |

Other

|                    |                      |
|--------------------|----------------------|
| Terminal Transmits | 0 – 24 A (Low Power) |
|--------------------|----------------------|

Product Compliance

For compliance documentation, visit the product page on TE.com>

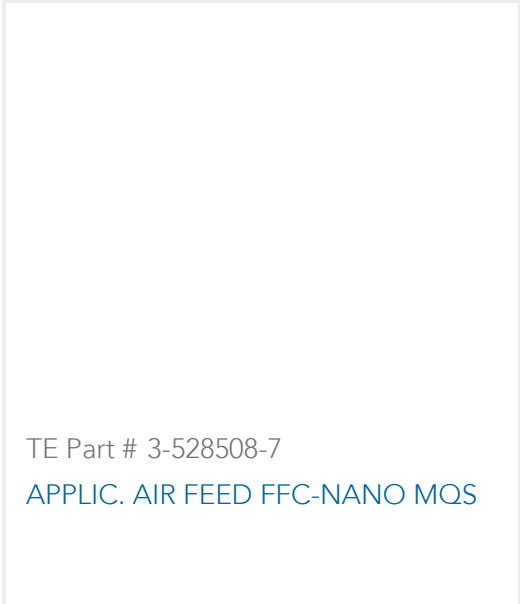
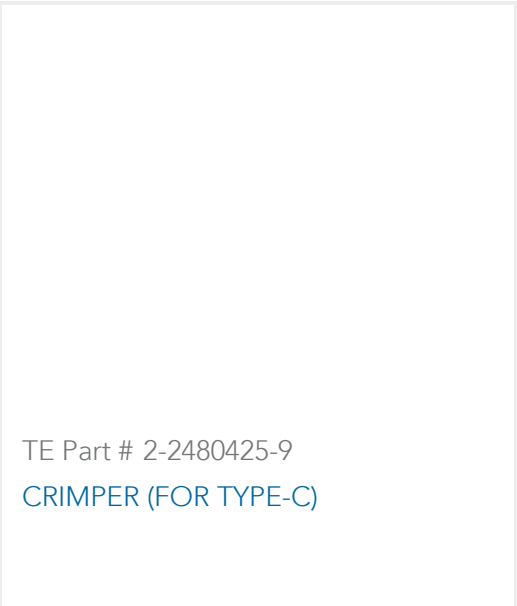
|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant                                                                                                                       |
| EU ELV Directive 2000/53/EC                   | Compliant                                                                                                                       |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold                                                                         |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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

|                                                                                                                                                               |                                                                                                                                                                  |                                                                                                                                                                 |                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 3-528508-7<br/>APPLIC. AIR FEED FFC-NANO MQS</p>             |  <p>TE Part # 1-2382718-1<br/>40POS,NANOMQS,REC HSG,UNSLD,<br/>COD A,FPC</p> |  <p>TE Part # 2413730-3<br/>FFC 300 Semi-Auto Machine</p>                  |  <p>TE Part # 2303088-3<br/>32POS,NANOMQS,REC HSG,UNSLD,<br/>COD B,FFC</p> |
|  <p>TE Part # 2303088-2<br/>32POS,NANOMQS,REC HSG,UNSLD,<br/>COD A,FFC</p> |  <p>TE Part # CAT-M8793-CH8172<br/>MQS, CONNECTOR HOUSING</p>                |  <p>TE Part # 2365086-1<br/>20POS,NANOMQS,REC HSG,UNSLD,<br/>COD A,FPC</p> |  <p>TE Part # 2-2480425-9<br/>CRIMPER (FOR TYPE-C)</p>                     |
|  <p>TE Part # 1-2499000-1<br/>HOUSING INSERTION BASE<br/>MACHINE</p>       |  <p>TE Part # 2413730-2<br/>FFC 300 Semi-Auto Machine -<br/>NanoMQS</p>      |                                                                                                                                                                 |                                                                                                                                                                 |

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 #1-88997-2  
FFC S.TAB 100SN RL



TE Part #1658642-1  
HDP-20,PLUG,SIZE 1, 9 POSN,CLI



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



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



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



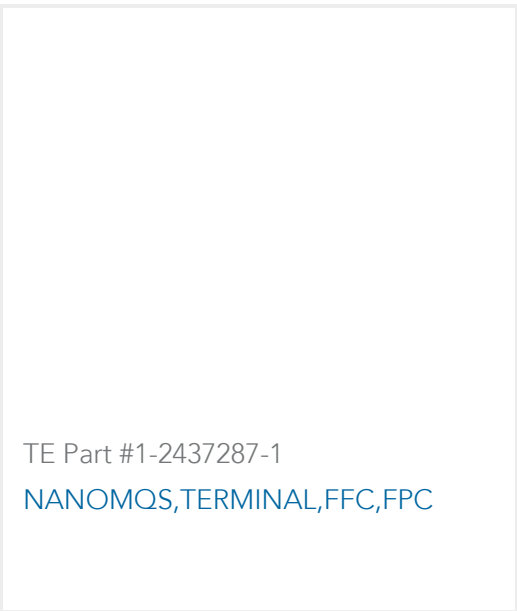
TE Part #1-2400706-1  
24POS,NANOMQS,REC HSG,UNSLD, COD A,FPC



TE Part #2415780-1  
48POS,NANOMQS,REC HSG,UNSLD, COD A,FPC



TE Part #2356621-1  
24POS,TAB0.64X0.64,HDR ASSY, 90DEG,SMD



TE Part #1-2437287-1  
NANOMQS,TERMINAL,FFC,FPC

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.

[Product Specifications](#)

[Application Specification](#)

German