



Nano MQS

TE Internal #: 1-2236905-1

Automotive Terminals, Tab, Mating Tab Width .5 mm [.02 in], Tab

Thickness .4 mm [.016 in], 24 – 22 AWG Wire Size, .22 – .35 mm²

Wire Size, Nano MQS

[View on TE.com >](#)

Terminals & Splices > Automotive Terminals



Terminal Type: **Tab**

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**

Features

Product Type Features

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

Contact Features

| | |
|----------------------|------------------|
| Contact Size | .5mm |
| Contact Fabrication | Stamped & Formed |
| Crimp Type | F-Crimp |
| Terminal Type | Tab |
| Mating Tab Width | .5 mm [.02 in] |
| Mating Tab Thickness | .4 mm [.016 in] |
| Interface Plating | Tin (Sn) |

Termination Features

| | |
|------------------------------------|-------|
| 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 |
| Tab Length | 16.4 mm |

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

| | |
|---|-----------------------------------|
| Conforms to KOMAX Automatic Component Insertion Guideline | Yes, per Version 5.0 (March 2018) |
| Compatible With Wire Base Material | Copper |

Packaging Features

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

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 | No Restricted Materials Above Threshold |
| 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 |
| Halogen Content | Low Halogen - Br, Cl, F, I < 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 # CAT-M8793-T273
MQS, RECEPTACLE AND TAB



TE Part # 2-1703930-4
NANOMQS, RECEPTACLE TERMINAL



TE Part # 2266621-2
OCEAN_2.0_Applicator-S-042F042O



TE Part # 2266622-2
OCEAN-2.0-APPLICATOR-S-042F050O



TE Part # 2302451-1
MATENET, MALE INSERT MODUL



TE Part # 2302452-2
MATENET, FIXATION ELEMENT



TE Part # 4-1703930-3
NANOMQS, RECEPTACLE TERMINAL



TE Part # 5-1579028-5
EXTRACTION TOOL



TE Part # 5-2266622-2
OCEAN-2.0-APPLICATOR-S-042F050O



TE Part # 7-2266621-2
OCEAN_2.0_Applicator-S-042F042O



TE Part # 7-2266621-7
OCEAN_2.0_SPARE_PART_KIT-042F042O



TE Part # 7-2266622-2
OCEAN-2.0-APPLICATOR-S-042F050O



TE Part # 7-2266622-7
OCEAN_2.0_SPARE_PART_KIT-042F050O



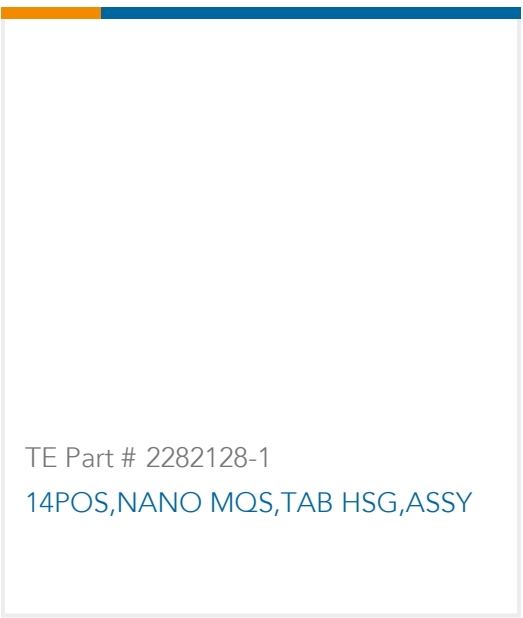
TE Part # 7-2837229-7
OCEAN_2.0_SPARE_PART_KIT-042F050O



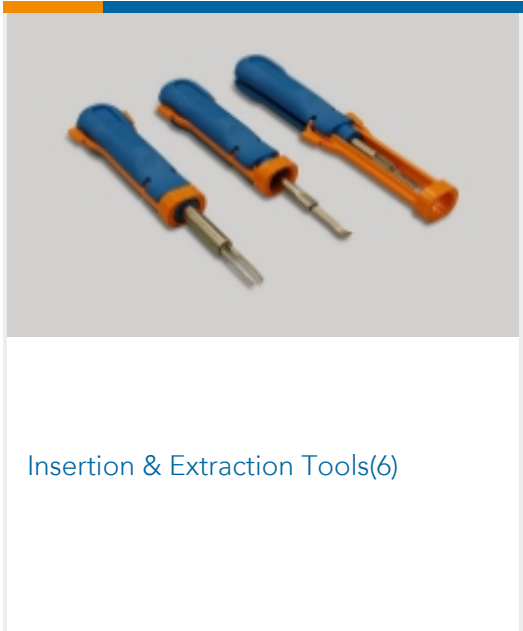
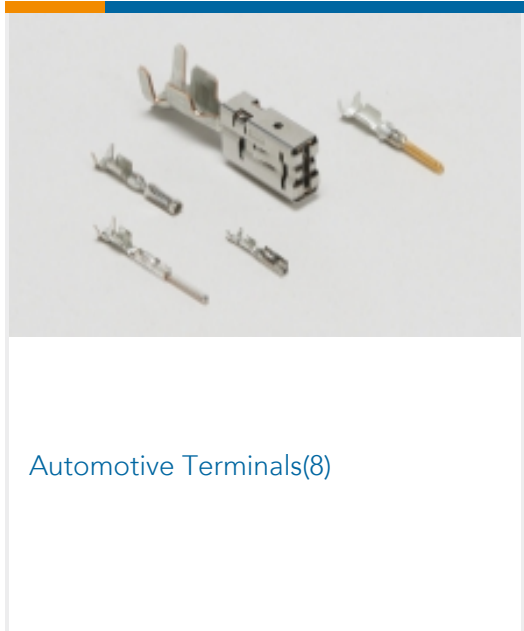
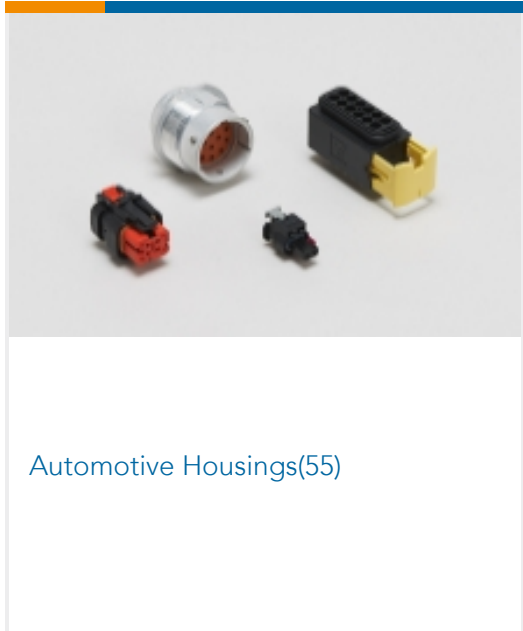
TE Part # 2302461-1
MATENET INLINE COUPLER, ASSY, COD A



TE Part # 2302461-2
MATENET INLINE COUPLER, ASSY, COD B



Also in the Series | Nano MQS



Customers Also Bought





Documents

Product Drawings

[NANO TAB 0.5X0.4, TERMINAL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-2236905-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2236905-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2236905-1_B.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English