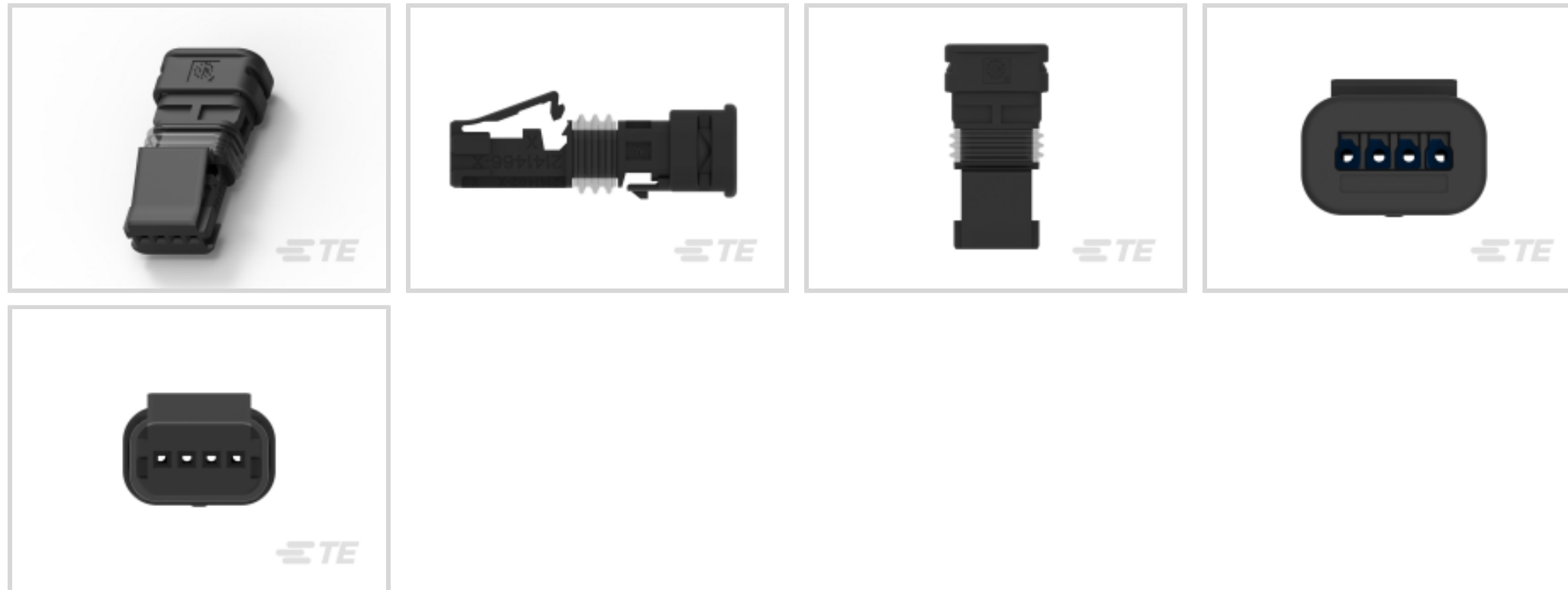# 2141466-1 ✓ ACTIVE

Nano MQS

TE Internal #: 2141466-1

Housing for Female Terminals, Wire-to-Device / Wire-to-Board, 4 Position, .071 in [1.8 mm] Centerline, Sealable, Black, Signal, Nano MQS

View on TE.com >

Connectors > Automotive Connectors > Connector Housings > MQS, CONNECTOR HOUSING

Connector & Housing Type: **Housing for Female Terminals**

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

Connector System: **Wire-to-Board, Wire-to-Device**

Number of Positions: **4**

Centerline (Pitch):   **1.8 mm [.071 in]**

All MQS, CONNECTOR HOUSING (557)

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	4
Number of Rows	1

Body Features

Cable Exit Angle	180°
Body Material	PBT GF

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Housing for Female Terminals, Wire-to-Device / Wire-to-Board, 4 Position, .071 in [1.8 mm] Centerline, Sealable, Black, Signal, Nano MQS

Primary Product Color	Black
Connector Code	A

Contact Features

Contact Size	.5mm
Contact Type	Receptacle
Mating Tab Width	.5 mm[.02 in]

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	1.8 mm[.071 in]

Dimensions

Product Width	22.05 mm[.868 in]
Product Length	11.2 mm[.441 in]
Product Height	8.2 mm[.323 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

Degree of Protection	IPX9K
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	200
Packaging Method	Box

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Housing for Female Terminals, Wire-to-Device / Wire-to-Board, 4 Position, .071 in [1.8 mm] Centerline, Sealable, Black, Signal, Nano MQS

Other

Serviceable	No
Connector Position Assurance Capable	No

Product Compliance

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

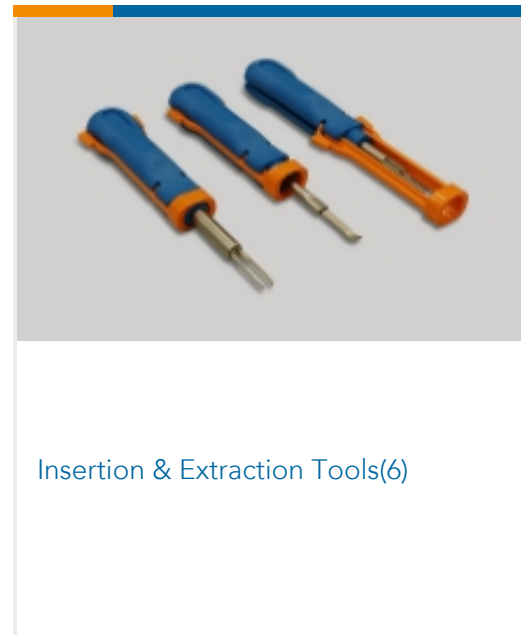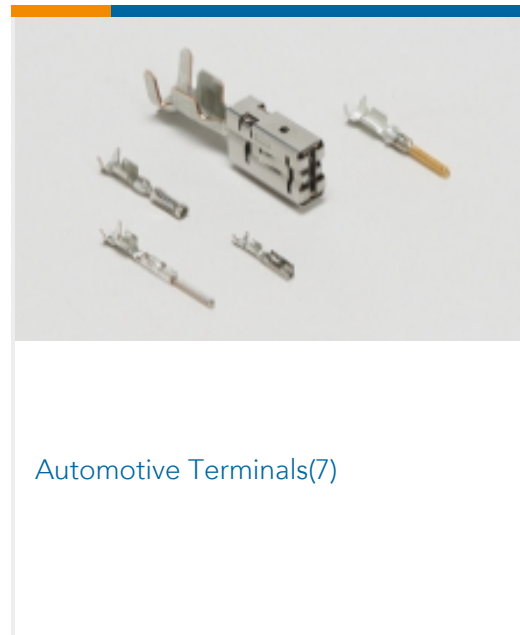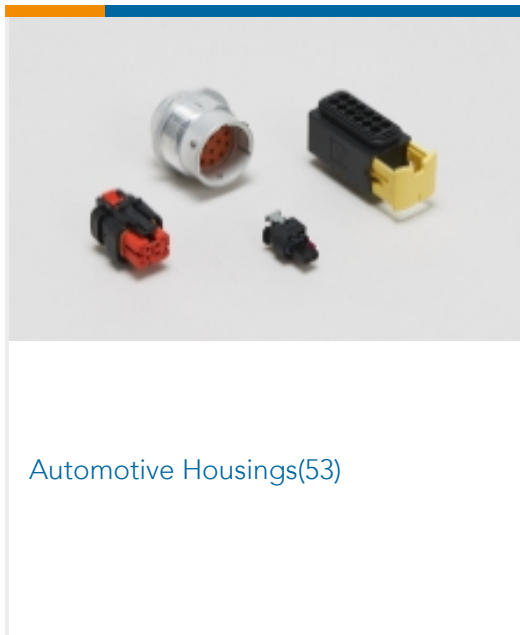| EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Dodecamethylcyclohexasiloxane (D6) (.3% in Material) Decamethylcyclopentasiloxane (D5) (.2% in Material) **Article Safe Usage Statements:** Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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
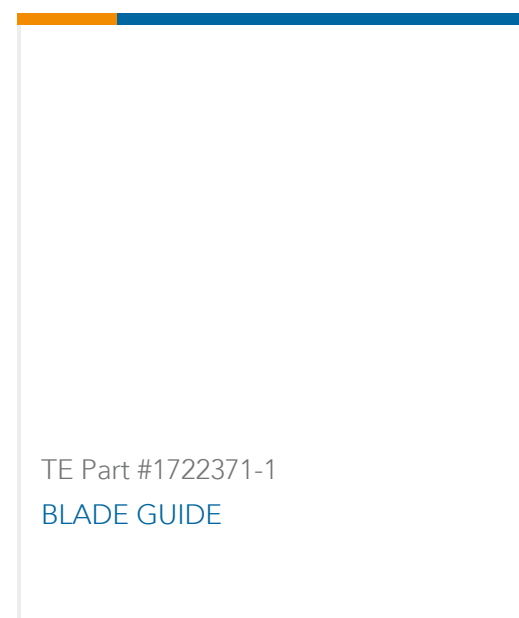
Compatible Parts

2141466-1

Housing for Female Terminals, Wire-to-Device / Wire-to-Board, 4 Position, .071 in [1.8 mm] Centerline, Sealable, Black, Signal, Nano MQS

TE Part # CAT-M8793-T273

MQS, RECEPTACLE AND TAB

Also in the Series | Nano MQS

Automotive Housings(53)

Automotive Terminals(7)

Insertion & Extraction Tools(6)

PCB Headers & Receptacles(28)

Customers Also Bought

TE Part #42770-2

250 FASTON FLAG TAB 18-14 AWG TPBR

TE Part #2-1703930-1

NANOMQS, RECEPTACLE TERMINAL

TE Part #2141466-3

4POS,NANOMQS,REC HSG,SLD,COD C

TE Part #1-2236905-1

NANO TAB 0.5X0.4,TERMINAL

TE Part #7-2151540-7

OCEAN_2.0_SPARE_PART_KIT-055F070O

TE Part #1-2119791-2

DEPRESSOR, WIRE

TE Part #1-2844912-2

PLATE, BASE, SF

TE Part #1722371-1

BLADE GUIDE

TE Part #2119781-1

DEPRESSOR, SHEAR

TE Part #8-1722368-9

CRIMPER, WIRE .100 F PREMIUM

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Housing for Female Terminals, Wire-to-Device / Wire-to-Board, 4 Position, .071 in [1.8 mm] Centerline, Sealable, Black, Signal, Nano MQS

Documents

Product Drawings

4POS,NANOMQS,SOCK HSG,ASSY,SEALED,CODA

English

CAD Files

Customer View Model

ENG_CVM_CVM_2141466-1_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2141466-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2141466-1_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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English