

2141467-2  ACTIVE

[NanoMQS | Nano MQS](#)

TE Internal #: 2141467-2

2 Position Housing, Housing for Female Terminals, Wire-to-Board / Wire-to-Device / Wire-to-Wire, 1.8 mm [.07 in] Centerline, Sealable, Gray, Nano MQS

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



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

Number of Positions: **2**

Sealable: **Yes**

Operating Temperature Range: **-40 – 130 °C [ -40 – 266 °F ]**

Number of Rows: **1**

[All MQS, CONNECTOR HOUSING \(338\)](#)

## Features

### Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	Locking Lance
Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	2
Number of Rows	1

### Electrical Characteristics

Nominal Voltage Architecture	24 V
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### Body Features

Cable Exit Angle	180°
Primary Product Color	Gray
Connector & Keying Code	B

### Contact Features

Contact Size	.5mm
Contact Type	Receptacle
Mating Tab Width	.5 mm [.019 in]
Contact Current Rating (Max)	3 A

### Mechanical Attachment

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

### Housing Features

Housing Material	PBT GF15
Centerline (Pitch)	1.8 mm [.07 in]

### Dimensions

Product Width	22.05 mm [.868 in]
Product Length	7.6 mm [.299 in]
Connector Height	8.2 mm [.323 in]

### Usage Conditions

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

### Operation/Application

Circuit Application	Signal
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### Industry Standards

IP Rating	IPX9K
UL Flammability Rating	UL 94HB

### Packaging Features

Packaging Method	Box
Packaging Quantity	1000

### Other

Serviceable	No
Connector Position Assurance Capable	No

### Product Compliance

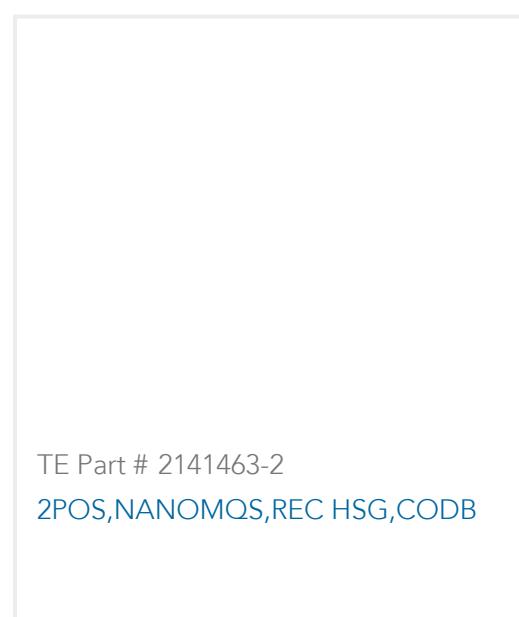
For compliance documentation, visit the product page on [TE.com](http://TE.com)>

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: JAN 2025 (247) 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>

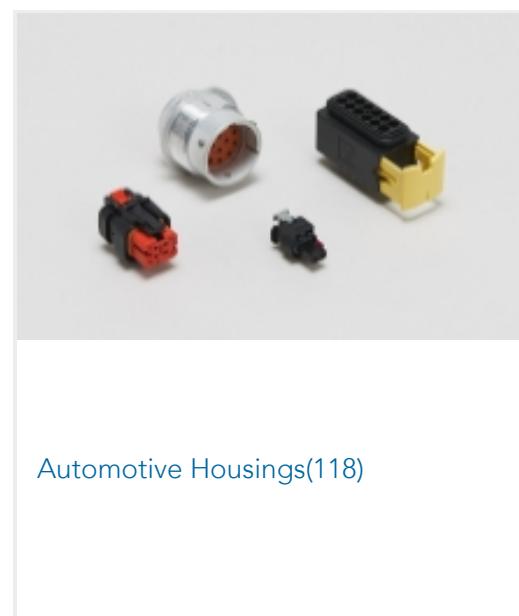
### Compatible Parts

TE Part # CAT-M8793-T273  
MQS, RECEPTACLE AND TABTE Part # 2141463-2  
2POS,NANOMQS,REC HSG,CODB

## Also in the Series | Nano MQS



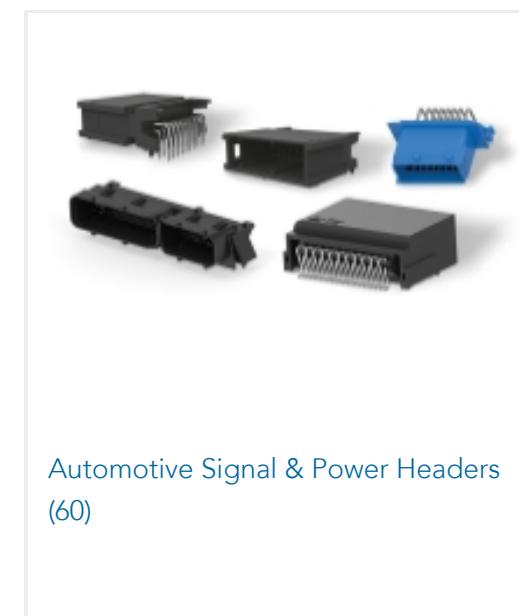
Automotive Connector Caps &amp; Covers (2)



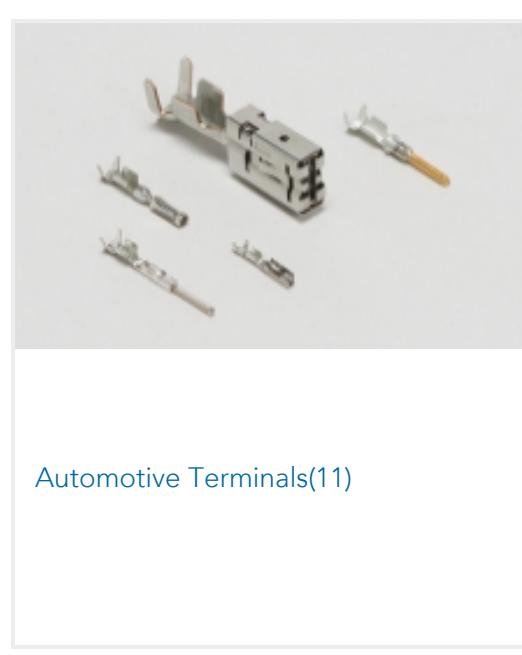
Automotive Housings(118)



Automotive Signal &amp; Power Connector Housings(118)

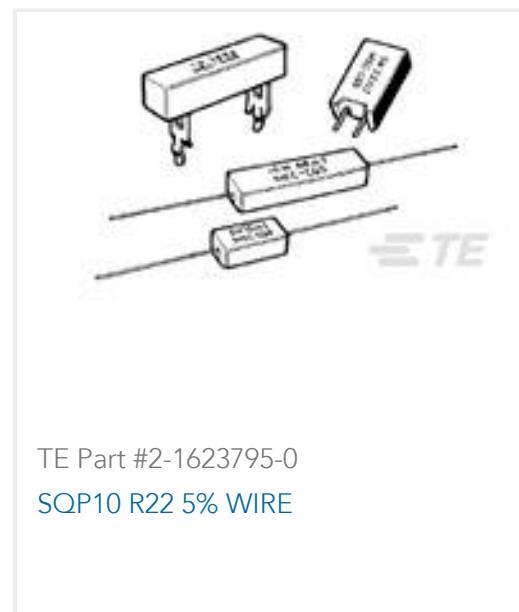


Automotive Signal &amp; Power Headers (60)



Automotive Terminals(11)

## Customers Also Bought

TE Part #173645-1  
070 TAB CONT 16-20TE Part #2-1623795-0  
SQP10 R22 5% WIRETE Part #2-1703930-1  
NANOMQS, RECEPTACLE TERMINALTE Part #1-2236905-1  
NANO TAB 0.5X0.4, TERMINALTE Part #2350890-2  
20POS, HYBRID, SOC HSG ASSY, SLD,  
COD BTE Part #2366494-2  
48POS, HYBRID, SOC HSG ASSY, SLD,  
COD BTE Part #2366494-3  
48POS, HYBRID, SOC HSG ASSY, SLD,  
COD CTE Part #2-2366509-2  
48POS, HYBRID, PIN HSG ASSY, SLD,  
COD B



## Documents

### Product Drawings

[2POS, NANOMQS, SOCK HSG, ASSY, SEALED, CODB](#)

English

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### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_2141467-2\\_B.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2141467-2\\_B.3d\\_jgs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2141467-2\\_B.3d\\_stp.zip](#)

English

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### Product Specifications

[Application Specification](#)

English

[Application Specification](#)

German

[Application Specification](#)

German

[Application Specification](#)

German