

Nano MQS

TE Internal #: 2141466-3

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

MQS

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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
Electrical Characteristics	
Operating Voltage	25 VAC



Cable Exit Angle	180°
Body Material	PBT GF
Primary Product Color	Blue
Connector Code	С
Contact Features	
Contact Size	.5mm
Contact Type	Receptacle
Mating Tab Width	.5 mm[.02 in]
Mechanical Attachment	
Mounting Feature	Without
Terminal Position Assurance	No
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	8.2 mm[.322 in]
Product Length	11.2 mm[.44 in]
Product Height	22.05 mm[.868 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 Method	Loose Piece
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: Not Yet Reviewed
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





Also in the Series | Nano MQS



Automotive Housings(53)



Automotive Terminals(7)



Insertion & Extraction Tools(6)

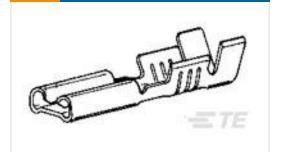


PCB Headers & Receptacles(28)

Customers Also Bought



TE Part #338095-4 MICRO-MATCH COSIHSG



TE Part #160597-4 110 FASTON,REC.,30-26 AWG,TPBR



TE Part #2428-010-2405 BKSHL, 24SZ, BLK, ST,NW17/19/26, L017,HDP



TE Part #2141466-1 4POS,NANOMQS,SOCK HSG,ASSY, SEALED,CODA



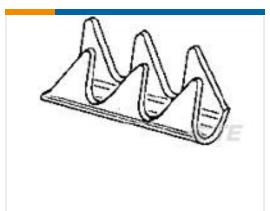
TE Part #1060-16-1222 PIN, SF, SIZE 16, 12-16, NI/SN



TE Part #338096-1 MICRO-MATCH COSICNT



TE Part #2-1703930-1 NANOMOS, RECEPTACLE TERMINAL



TE Part #925856-1
WIRE PIN 15.5-13.5 AWG .01 PTPB



TE Part #60-0200-080-000
BANDOLEER CONTACT SOCKET 1
MM



TE Part #CN9128-000 B-155-9001-5000



Documents

Product Drawings

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

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2141466-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2141466-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2141466-3_A.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