

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

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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

erminals
to-Device

PBT GF

Body Material



Contact Sive Simm Receptacle Contact Type Receptacle Meting Tab Width Simm (O2 in) Mechanical Attachment Mounting Feature Without Terminal Position Assurance Yes Strain Relief Without Mating Alignment Type Reyed Mating Alignment Type Reyed 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 (411 in) Product Length 12.2 mm (411 in) Product Length 13.2 mm (411 in) Product Length 14.2 mm (411 in) Product Length 15.2 mm (411 in) Product Length 16.3 mm (411 in) Product Length 17.3 mm (411 in) Product Length 18.3 mm (411 in) Product Length 19.4 mm (411 in) Product		
Contact Features Contact Type Recoptacle Mating Tals Width Simml Quin] Mechanical Attachment Mounting Feature Without Terminal Position Assurance Yes Strain Relief Without Mating Alignment Type Recyed Mating Alignment Type Recyed Mating Alignment Type Recyed Mating Alignment Realier Without Connector Mounting Type Cable Mount (Free-Hanging) Housing Features Center line (Pitch) Is mm [871 in] Dimensions Product Width 22.05 mm [868 in] Product Length 11.2 mm [441 in] Product Length 11.2 mm [441 in] Product Height 82 mm [433 in] Usage Conditions Operating Temperature (Max) 70 °C, 75 °C, 80 °C, 80 °C, 100 °C, 100 °C, 110 °C, 125 °C, 130 °C, 155 °C, 110 °C, 125 °C, 130 °C, 155 °C, 110 °C, 125 °C, 130 °C, 155 °C, 110 °C, 125 °C, 120 °C,	Primary Product Color	Black
Contact Size Contact Type Receptacle Meting Tab Width S mm[Q2 in] Mechanical Attachment Mounting Feature Mushing Position Assurance Strain Relief Without Mating Alignment Type Reyed Mating Alignment Type Reyed Mating Alignment Type Reyed Mating Alignment Connector Mounting Type Cable Mount (Free-Hanging) Housing Features Centerline (Pitch) 1.8 mm[Q71 in] Dimensions Product Width Product Length Product Leight Reyed	Connector Code	A
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Mating Alignment 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) Operating Temperature Range Opera	Strain Relief	Without
Connector Mounting Type Housing Features Centerline (Pitch) Dimensions Product Width Product Length Product Height Usage Conditions Operating Temperature (Max) Operating Temperature Range Operating Temperature R	Mating Alignment Type	Keyed
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Centerline (Pitch) Dimensions Product Width Product Length Product Height Produ	Connector Mounting Type	Cable Mount (Free-Hanging)
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][271 °F][281 °F][280 °F][286 °F] Operating Temperature Range 40 – 40 – 130 °C[-40 – 266 °F] Operation/Application Signal Industry Standards Degree of Protection IPX9K UI. Flammability Rating UI. 94HB Packaging Peatures Packaging Quantity 200	Housing Features	
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Product Length Product Height 8.2 mm[.323 in] Usage Conditions Operating Temperature (Max) Operating Temperature Range Usage Conditions Operating Temperature Range Operating Temperature Range Uperating Temperature Range Operating Temperature Range Uperation/Application Figure 40 – 130 °C[-40 – 266 °F] Operating Temperature Range Uperation/Application Industry Standards Degree of Protection Uperating Uperation Uperating Temperature Range Packaging Features Packaging Quantity 200	Dimensions	
Product Height Usage Conditions Operating Temperature (Max) Operating Temperature (Max) Operating Temperature (Max) Operating Temperature (Max) Operating Temperature (Max) Operating Temperature Range Operating Temperature Range Operating Temperature Range -40 – 130 °C[-40 – 266 °F] Operation/Application Circuit Application Industry Standards Degree of Protection UL Flammability Rating Packaging Features Packaging Quantity 8.2 mm[.323 in] 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 100 °C, 105 °C, 110 °C, 125 °C, 130 °C[158 °F] Pil 70 °C, 125 °C, 130 °C[158 °F] Pil 70 °C, 125 °C, 130 °C[158 °F] Pil 70 °C, 125 °C, 130 °C, 125 °C, 130 °C, 125 °C, 125 °C, 130 °C, 125 °C, 125 °C, 130 °C, 125 °C, 130 °C, 125 °C, 125 °C, 130 °C, 125 °C, 125 °C, 130 °C, 125 °C, 130 °C, 125 °C, 125 °C, 130 °C, 125 °C, 125 °C, 125 °C, 125 °C, 130 °C, 125 °C, 130 °C, 125 °C, 1	Product Width	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, 125 °C, 130 °C[158 °F][167 °F][176 °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 UL Flammability Rating Packaging Features Packaging Quantity 200	Product Length	11.2 mm[.441 in]
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][176 °F][185 °F][212 °F][221 °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	Product Height	8.2 mm[.323 in]
105 °C, 110 °C, 120 °C, 125 °C, 130 °C[158 °F][167 °F][176 °F][176 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F] Operating Temperature Range Operation/Application Circuit Application Signal Industry Standards Degree of Protection IPX9K UL Flammability Rating Packaging Features Packaging Quantity 200	Usage Conditions	
Operation/Application Circuit Application Signal Industry Standards Degree of Protection UL Flammability Rating Packaging Features Packaging Quantity Signal UL 94HB	Operating Temperature (Max)	105 °C, 110 °C, 120 °C, 125 °C, 130 °C[158 ° F][167 °F][176 °F][185 °F][194 °F][212 °F][221
Circuit Application Industry Standards Degree of Protection UL Flammability Rating Packaging Features Packaging Quantity Signal IPX9K UL 94HB	Operating Temperature Range	-40 - 130 °C[-40 - 266 °F]
Industry Standards Degree of Protection IPX9K UL Flammability Rating UL 94HB Packaging Features Packaging Quantity 200	Operation/Application	
Degree of Protection IPX9K UL Flammability Rating UL 94HB Packaging Features Packaging Quantity 200	Circuit Application	Signal
UL Flammability Rating Packaging Features Packaging Quantity 200	Industry Standards	
Packaging Features Packaging Quantity 200	Degree of Protection	IPX9K
Packaging Quantity 200	UL Flammability Rating	UL 94HB
	Packaging Features	
	Packaging Quantity	200
	Packaging Method	Box



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





Also in the Series | Nano MQS



Automotive Housings(53)



Automotive Terminals(7)

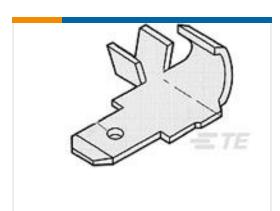


Insertion & Extraction Tools(6)



PCB Headers & Receptacles(28)

Customers Also Bought



TE Part #42770-2 250 FASTON FLAG TAB 18-14 AWG **TPBR**



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









TE Part #7-2151540-7 OCEAN_2.0_SPARE_PART_KIT-055F070O



TE Part #1-2119791-2 DEPRESSOR, WIRE



TE Part #1722371-1 **BLADE GUIDE**



TE Part #8-1722368-9 CRIMPER, WIRE .100 F PREMIUM



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