2141467-2 ✔ ACTIVE

NanoMQS | Nano MQS

TE Internal #: 2141467-2

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

View on TE.com >

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



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

Number of Positions: **2**

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

Centerline (Pitch): **1.8 mm [.07 in]**

Sealable: **Yes**

All MQS, CONNECTOR HOUSING (351)

Features

Product Type Features

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

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	12 V, 14 V

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

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

Housing Features

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

Dimensions

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

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

Degree of Protection	IPX9K
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	1000
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 2024 (241) 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



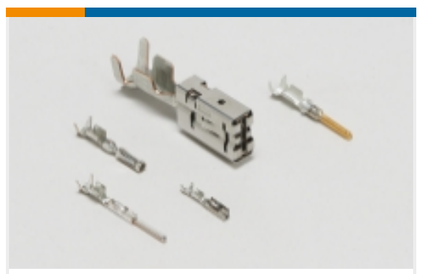
TE Part # CAT-M8793-T273
MQS, RECEPTACLE AND TAB

TE Part # 2141463-2
2POS,NANOMQS,REC HSG,CODB

Also in the Series | Nano MQS



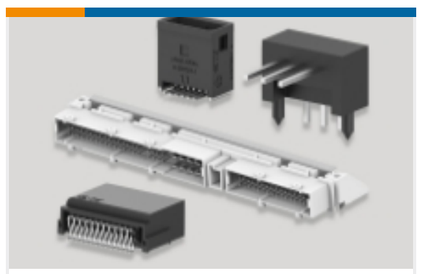
Automotive Housings(55)



Automotive Terminals(8)



Insertion & Extraction Tools(6)



PCB Headers & Receptacles(20)

Customers Also Bought



TE Part #DTP06-2S-E004
PLG, 2P, BLK, N



TE Part #HDP26-24-31SE-L017
PLG, 31P, BLK, E, RNG, 16, S



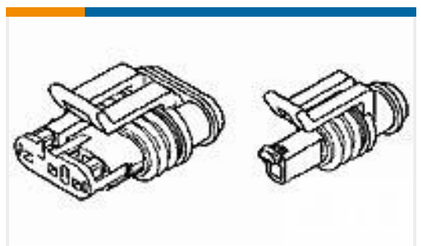
TE Part #DTHD06-1-8S-E003
PLG, 1P, BLK, N, SIZE 8, CAP



TE Part #5745171-1
SIZE 1 ASSY KIT .250



TE Part #350779-4
04P UMNL PLUG HSG UL94VO



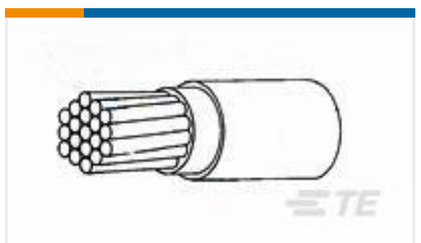
TE Part #1745022-1
SUPERSEAL 2 POS. TAB HOUSING (CLOSED CAV



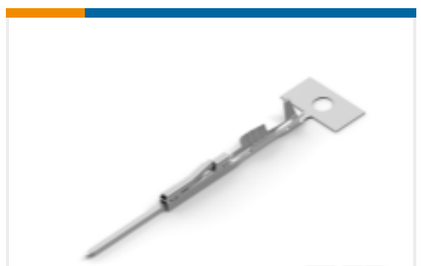
TE Part #2141466-1
4POS,NANOMQS,SOCK HSG,ASSY, SEALED,CODA



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



TE Part #2820493017
44A0111-24-9



TE Part #1-2236905-1
NANO TAB 0.5X0.4,TERMINAL

Documents

Product Drawings

2POS,NANOMQS,SOCK HSG,ASSY,SEALED,CODB

English

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_igs.zip

English

Customer View Model

ENG_CVM_CVM_2141467-2_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Application Specification

English

Application Specification

German

Application Specification

German

Application Specification

German

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

SMW73R0JT ROX05SJ18R 3-1393225-0 650075-000 CRGCQ2010J3K3 SBCHE64R7K 1393431-1
141991-2 936348-1 RH73H2A40MKTN 1743455-2 175977-2 CPF0402B37K4E1 1-962915-1 1903112-2
2-292161-3 2380312-2 MPT100C18RF TE50BR39J 1-794222-0 2005330-1 3430B2F51RTDF 917696-1
1969656-1 2377783-2 U5254-000005-030PA 2310537-1 2834055-1 3631B101LL SBCHE154R7K