2303088-1 ✔ ACTIVE

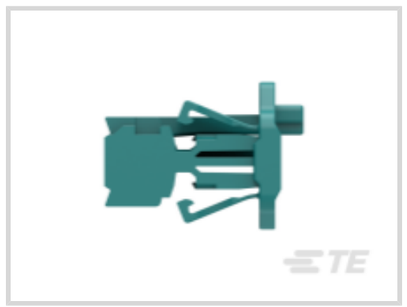
NanoMQS | Nano MQS

TE Internal #: 2303088-1

12 V, 32 Position, Automotive Housing for Female Terminals, Wire-to-Board, 1.8 mm [.071 in] Centerline, Water Blue, Wire & Cable, Signal, Nano MQS

View on TE.com >

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


Nominal Voltage Architecture: **12 V**

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

Number of Positions: **32**

Sealable: **No**

Operating Temperature Range: **-40 – 105 °C [-40 – 221 °F]**

All MQS, CONNECTOR HOUSING (339)

Features

Product Type Features

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

Configuration Features

Blank Cavity Position	32
Number of Positions	32
Number of Rows	2

Electrical Characteristics

Operating Voltage	24 VDC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180 °
Primary Product Color	Water Blue
Connector & Keying Code	Z

Contact Features

Contact Size	.5mm
Contact Type	Receptacle
Mating Tab Width	.5 mm[.02 in]
Contact Current Rating (Max)	3 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF10
Centerline (Pitch)	1.8 mm[.071 in]

Dimensions

Row-to-Row Spacing	1.5 mm[.059 in]
Product Width	20 mm[.787 in]
Product Length	35 mm[1.38 in]
Connector Height	14.8 mm[.583 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

Compatible With Agency/Standards Products	LV214

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

Other

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not reviewed for solder process capability

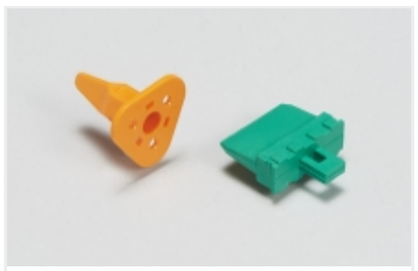
Compatible Parts

TE Part # CAT-MINH6642
Miniature Automotive I/O Headers

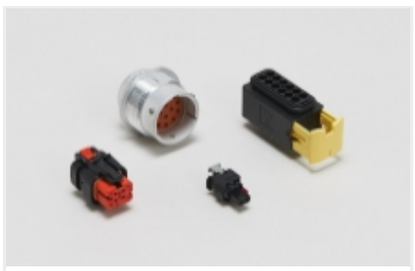
TE Part # 1-2291853-1
NANO MQS CONTACT FFC, FPC

TE Part # 1-2499000-1
HOUSING INSERTION BASE MACHINE

Also in the Series | Nano MQS



Automotive Connector Locks & Position Assurance(3)



Automotive Housings(118)

Automotive Seals & Cavity Plugs(1)

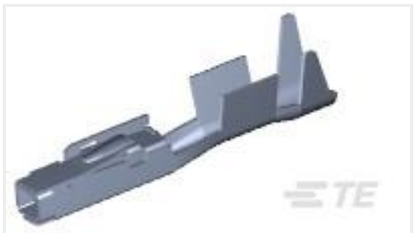
Automotive Signal & Power Connector Housings(118)

Customers Also Bought

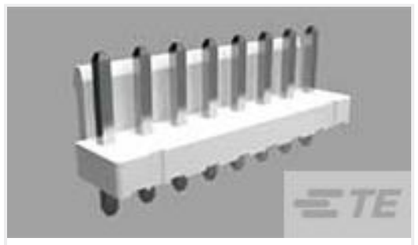
TE Part #354057-E
SMCB 32 F AB VV 7-13 CL * H007 137 E002

TE Part #487406-2
FFC RCPT CONT SP 30AU RL

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



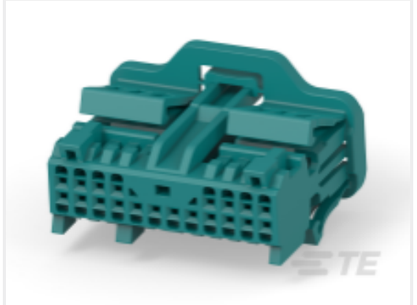
TE Part #7-1452659-3
MCON 1.2 LL REC SRC AG



TE Part #1744037-2
02P EC PWR.200 CL HDR ASSY VRT

TE Part #1744048-2
02P EC PWR.200 CL HDR ASSY RA

TE Part #2141576-1
32POS NANO MQS TL PLUG HOUSING, CODE A



TE Part #2365086-1
20POS,NANOMQS,REC HSG,UNSLD, COD A,FPC

Documents

Product Drawings

32POS,NANOMQS,REC HSG,UNSLD,COD NEUT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2303088-1_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2303088-1_B1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2303088-1_B1.2d_dxf.zip

English

Product Specifications

Application Specification

English