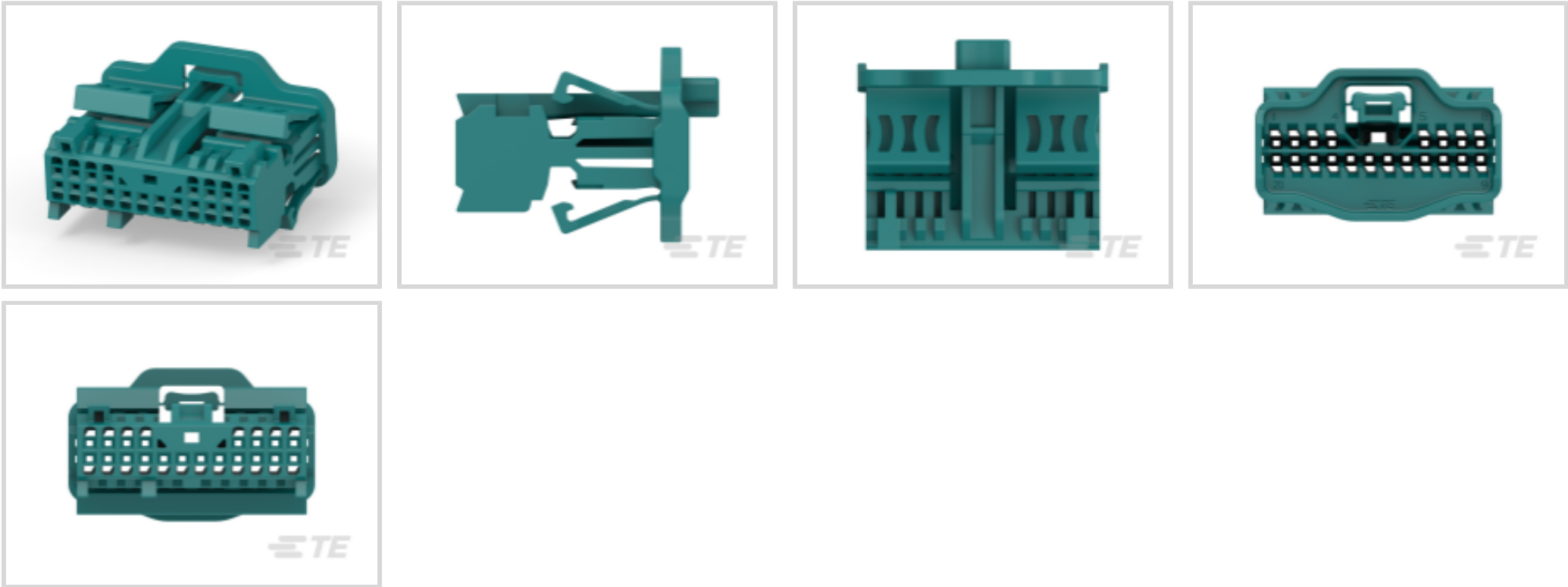




Automotive Parts > Automotive Connectors > Automotive Housings



Nominal Voltage Architecture: 12 V

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

Number of Positions: **20**

Sealable: **No**

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

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	20
Number of Positions	20
Number of Rows	2

Electrical Characteristics

Operating Voltage	24 VDC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	.5mm
Contact Type	Receptacle
Mating Tab Width	.5 mm[.02 in]
Contact Current Rating (Max)	1 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 GF10
Centerline (Pitch)	1.8 mm[.071 in]

Dimensions

Row-to-Row Spacing	1.5 mm[.059 in]
Product Width	20 mm[.79 in]
Product Length	23.9 mm[.94 in]
Connector Height	14.8 mm[.58 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal
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Industry Standards

Compatible With Agency/Standards Products	LV214
UL Flammability Rating	UL 94HB



Packaging Features

Packaging Quantity	2500
Packaging Method	Bag

Other

Connector Position Assurance Capable	No
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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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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-MINH6642
Miniature Automotive I/O Headers

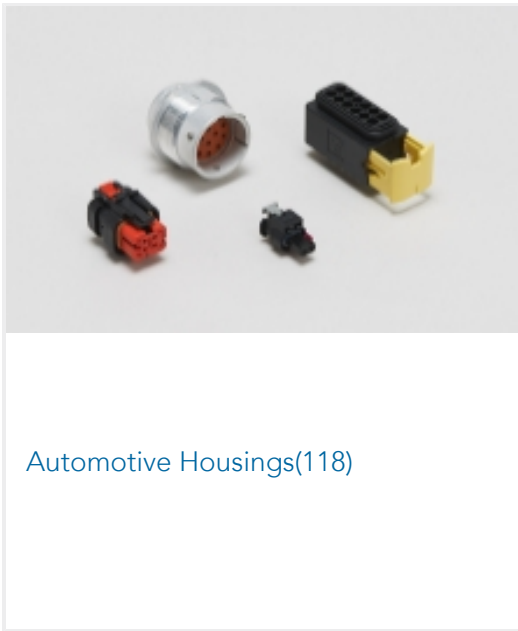


TE Part # 1-2291853-1
NANO MQS CONTACT FFC, FPC

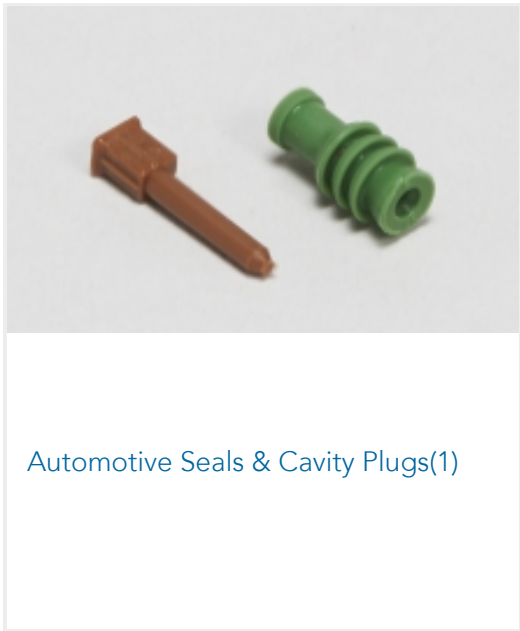
Also in the Series | Nano MQS



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 #CAT-M8793-CH8172
MQS, CONNECTOR HOUSING

Documents

Product Drawings

20POS,NANOMQS,REC HSG,UNSLD,COD A,FPC

English

20POS,NANOMQS,REC HSG,UNSLD,COD A,FPC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2365086-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2365086-1_A.3d_igs.zip

English



Customer View Model

[ENG_CVM_CVM_2365086-1_A.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