2141466-1 ✓ ACTIVE

NanoMQS | Nano MQS
TE Internal #: 2141466-1

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

View on TE.com >

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

Number of Positions: 4

Connector & Housing Type: Housing for Female Terminals

Mating Tab Width: .5 mm [.019 in]

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

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

All MQS, CONNECTOR HOUSING (338)

Features

Product Type Features

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

Configuration Features

Number of Positions	4
Number of Rows	1

Body Features

Cable Exit Angle	180°

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Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	.5mm
Contact Type	Receptacle
Mating Tab Width	.5 mm[.019 in]
Contact Current Rating (Max)	3 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 GF
Centerline (Pitch)	1.8 mm[.07 in]

Dimensions

Product Width	11.2 mm[.441 in]
Product Length	22.05 mm[.868 in]
Connector Height	8.2 mm[.323 in]

Usage Conditions

Operating Temperature (Max)	130 °C[266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

IP Rating	IPX9K
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	3000
Packaging Method	Box

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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: JAN 2025 (247) Candidate List Declared Against: JAN 2023 (233) 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

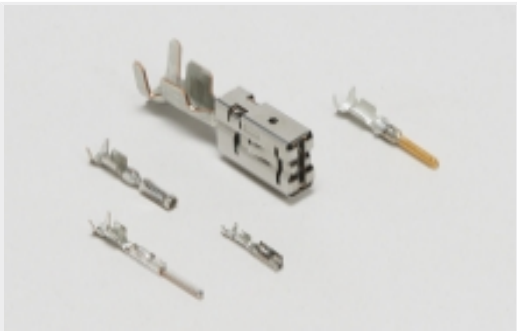| TE Part # 2141462-1 4POS,NANOMQS,REC HSG,CODA	TE Part # 2141525-1 COVER FAM. SEAL NANOMQS,4 POS.,BK	TE Part # CAT-M8793-T273 MQS, RECEPTACLE AND TAB

Also in the Series | Nano MQS

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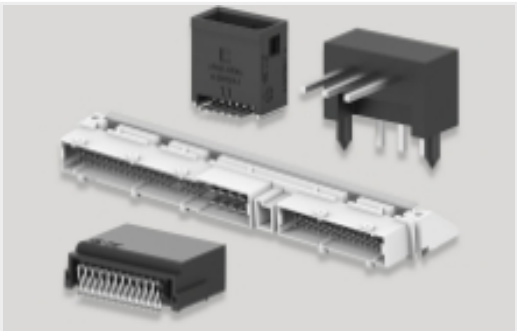

Automotive Headers(13)
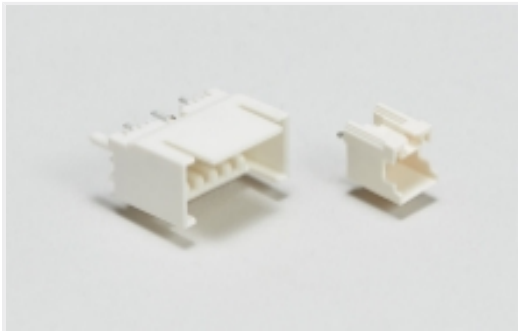

Automotive Housings(55)

Automotive Terminals(7)

Insertion & Extraction Tools(6)
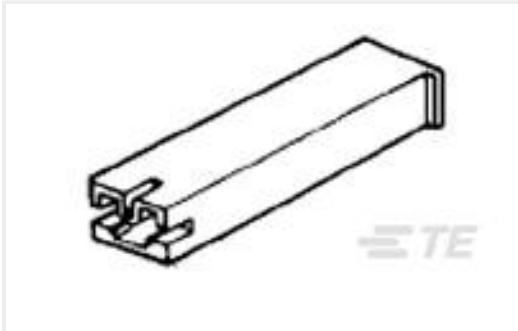

PCB Headers & Receptacles(13)

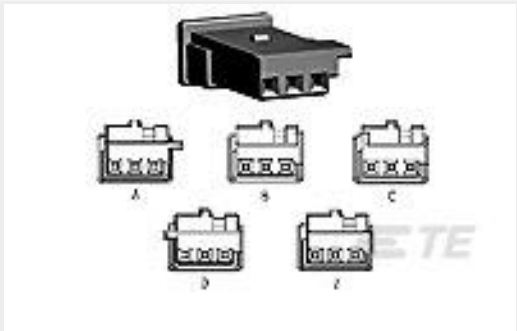Wire-to-Board Headers & Receptacles (12)

Customers Also Bought

TE Part #2209954-1

AIRBAG 24P COVER ASSY

TE Part #172074-2

POSITIVE LOCK 187 HOUSING RECEPTACLE

TE Part #3-1718346-1

3POS MQS REC COD C

TE Part #2-1703930-1

NANOMQS, RECEPTACLE TERMINAL

TE Part #173690-1
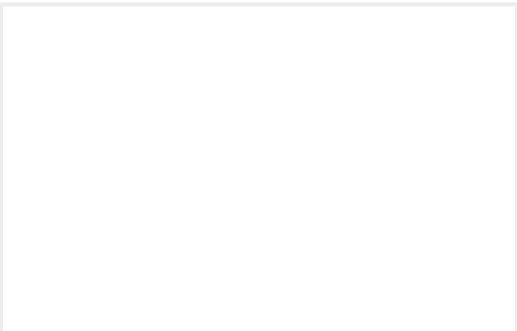
PL 187 TERMINAL 24-20 AWG 0.3 X 14.0

TE Part #2324153-2

25POS,MQS,SOCK HSG

TE Part #2324105-2

50POS,MQS,SOCK HSG

TE Part #2441202-1

DT06-2S-TE01, PLG, 2S, GRY, E

TE Part #2-2435149-1

TAB2.8X0.8,TERMINAL,CF SWS SN

TE Part #2322905-4

REC CONN CVR ASSY,75POS,MQS

Documents

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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.

Product Specifications

Application Specification

German