



MATenet

TE Internal #: 1802105-2

Data Connectivity Housings, Housing for Female Terminals, Keying Code B, Wire-to-Wire, 2 Position, .071 in [1.8 mm] Centerline, Sealable, MATenet

[View on TE.com >](#)

Connectors > Automotive Connectors > Data Connectivity Systems > Data Connectivity Housings



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

Mating Tab Width: **.4 mm [.016 in]**

Mating Tab Thickness: **.5 mm [.02 in]**

Keying Code: **B**

Connector System: **Wire-to-Wire**

Features

Product Type Features

Hybrid Connector	No
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Fiber Optic Transceiver	Without
Snap-Lock	With
Keying Code	B
Number of Positions	2

Electrical Characteristics

Impedance	100 Ω
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Signal Characteristics

Operating Frequency Range	0 – 600 MHz
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Body Features

Ferrule	Without
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Contact Features

Mating Tab Width	.4 mm[.016 in]
Mating Tab Thickness	.5 mm[.02 in]

Mechanical Attachment

Mating Retention	Without
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Housing Features

Housing Color	White
Centerline (Pitch)	1.8 mm[.071 in]

Dimensions

Product Width	33 mm
Product Length	14.7 mm
Product Height	18.6 mm

Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C[149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F]
Cable Type	UTP
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Shielded	No
Circuit Application	Signal

Packaging Features

Packaging Method	Bag & Box
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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 2022
(224)

Candidate List Declared Against: JAN 2022
(223)

SVHC > Threshold:
Not Yet Reviewed

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 # 4-1579014-0
CS11K NANO-MQS, 0.13-0.35 SQ.M

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

TE Part # 1802110-2
COVER, MATENET SEALED PROTECTION, STP

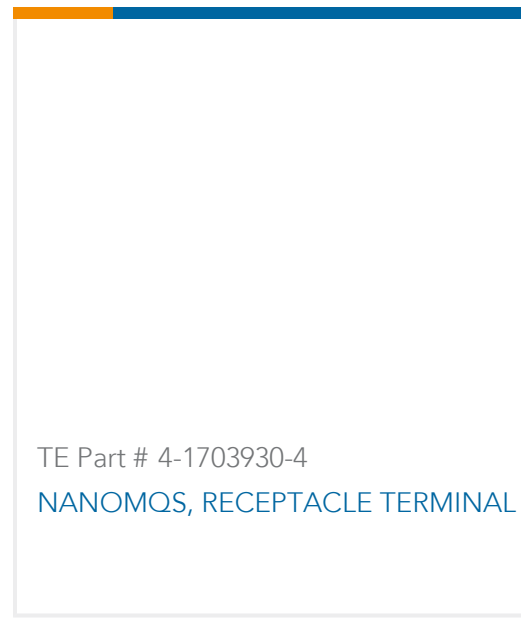
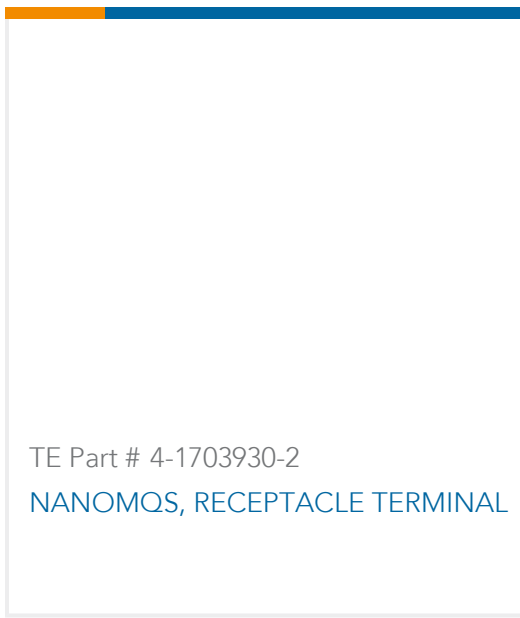
TE Part # 2-1703930-4
NANOMQS, RECEPTACLE TERMINAL

TE Part # 2302450-1
MATENET, FEMALE INSERT MODUL, BLACK

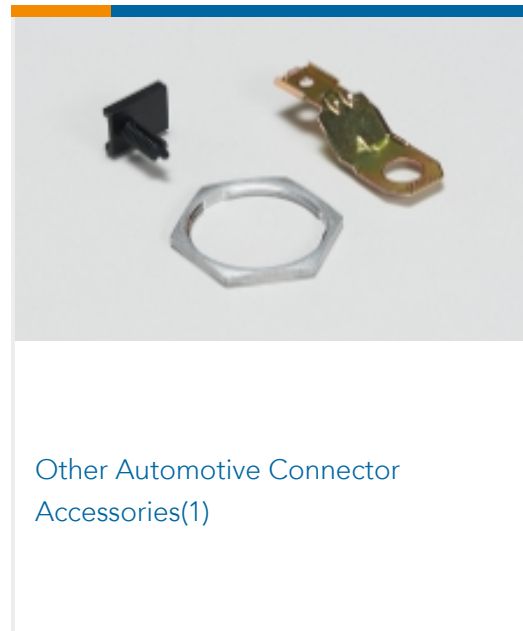
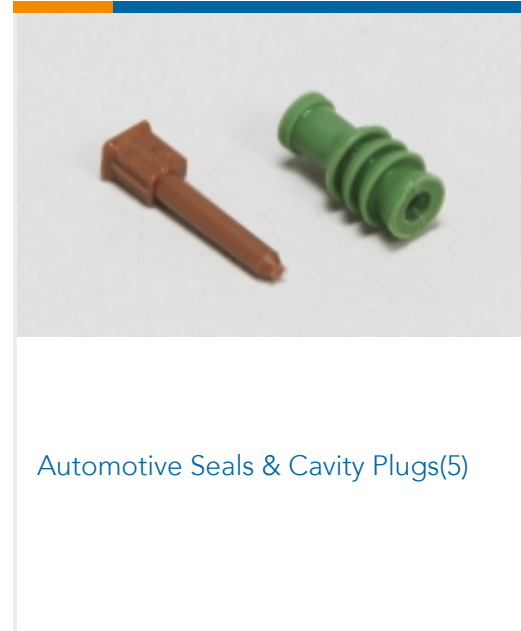
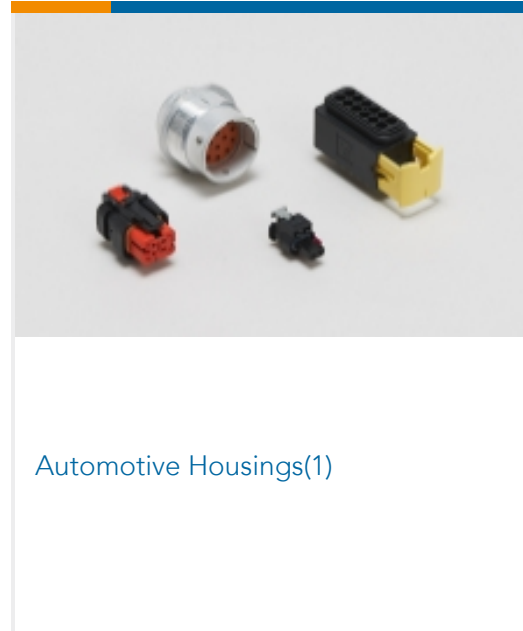
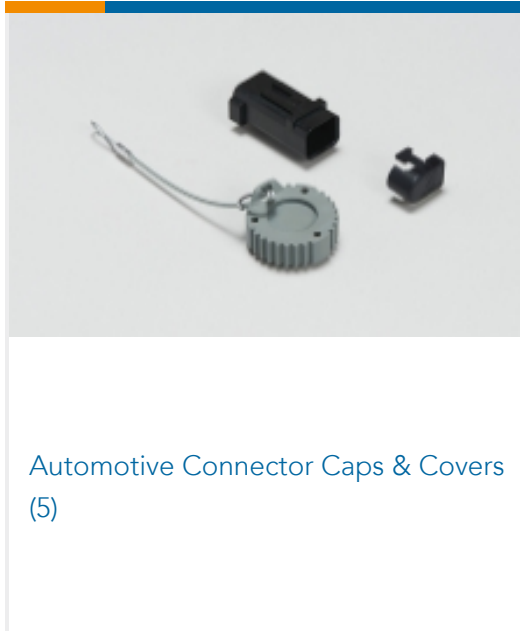
TE Part # 2344044-1
2 PORT HDR SEALED MATENET ASSY, COD A/B

TE Part # 1-2302450-1
MATENET, FEMALE INSERT MODUL, BLACK

TE Part # 1802112-2
MATENET SWS FOR UTP-STP



Also in the Series | **MATEnet**



Customers Also Bought



Documents

Product Drawings

1PORT,MATENET,REC HSG,SLD,COD B,UTP,ASSY

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_1802105-2_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1802105-2_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1802105-2_C.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English