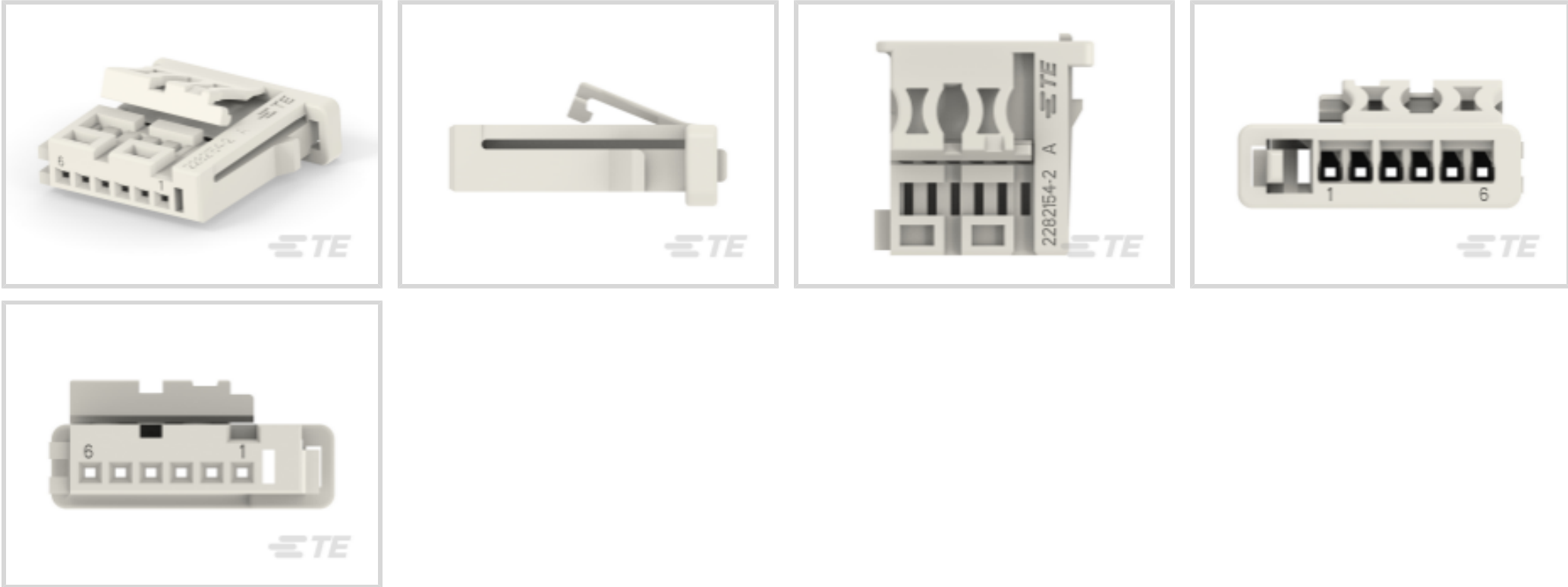




Automotive Parts > Automotive Connectors > Automotive Housings



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

Number of Positions: **6**

Sealable: **No**

Operating Temperature Range: **-40 – 120 °C [-40 – 248 °F]**

Number of Rows: **1**

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

Number of Positions	6
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	12 V
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Body Features

Cable Exit Angle	180°
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Primary Product Color	Natural
Connector & Keying Code	B

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[.07 in]

Dimensions

Product Width	16.45 mm[.648 in]
Product Length	16.78 mm[.66 in]
Connector Height	5 mm[.197 in]

Usage Conditions

Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]
Operating Temperature (Max)	120 °C[248 °F]

Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	7000
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

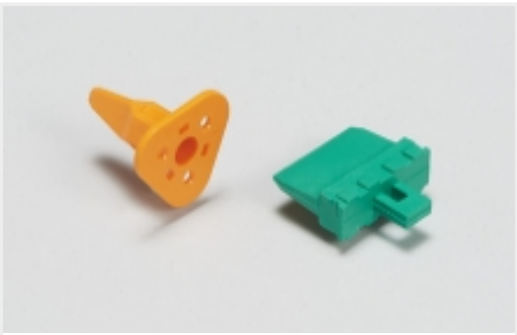
TE Part # 2311714-2
6POS,TAB0.5X0.4,HDR ASSY,90DEG, COD B

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

TE Part # 2314507-2
6POS,TAB0.5X0.4,HDR ASSY,180DEG, COD B

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

Also in the Series | Nano MQS



Automotive Connector Locks & Position Assurance(3)



Automotive Housings(186)



Automotive Seals & Cavity Plugs(2)



Automotive Signal & Power Connector Housings(186)

Also in the Series | 0.50 Connector System



Automotive Connector Caps & Covers (20)



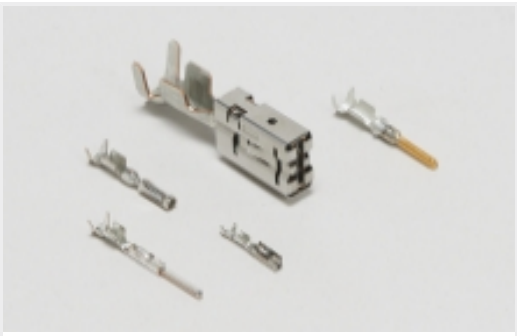
Automotive Housings(186)



Automotive Signal & Power Connector Housings(186)

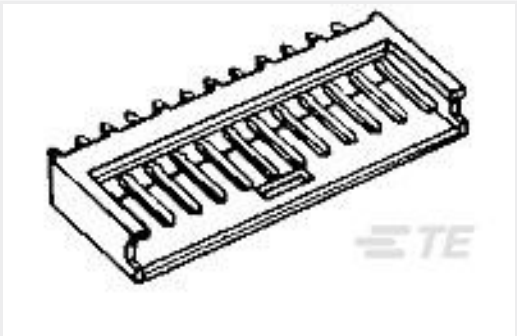


Automotive Signal & Power Headers (26)

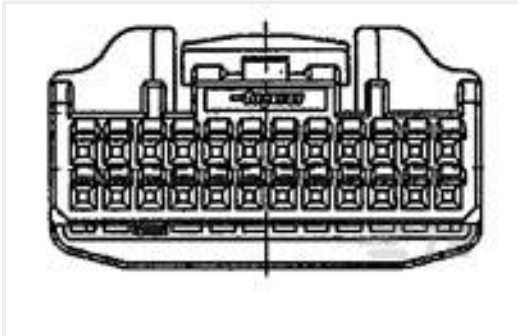


Automotive Terminals(34)

Customers Also Bought



TE Part #280372-2
6P AMPMODU II SHRD HDR, ST, 0.38 AU



TE Part #1565380-1
025 28POS PLUG ASSY



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

Documents

- Product Drawings
- 6POS,NANOMQS,REC HSG,CODB
- English
- 6POS,NANOMQS,REC HSG,CODB
- English



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2282154-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2282154-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2282154-2_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