179631-1 ✔ ACTIVE

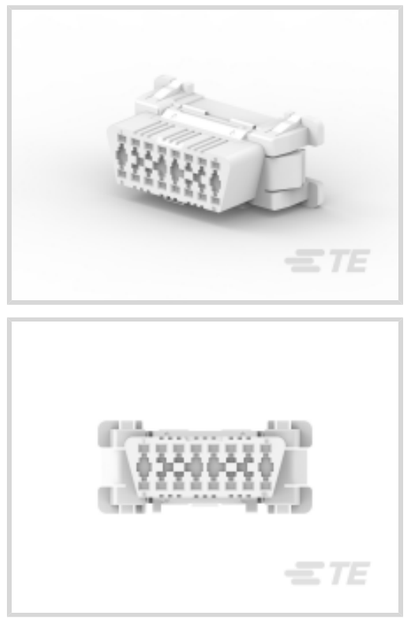
AMP

TE Internal #: 179631-1

12 V, 16 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 2.2 mm [.086 in] Centerline, Natural, Signal, Panel Mount

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings






Nominal Voltage Architecture: **12 V**

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

Number of Positions: **16**

Sealable: **No**

Operating Temperature Range: **-40 – 85 °C [-40 – 185 °F]**

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Connector System	Wire-to-Wire

Configuration Features

Number of Positions	16
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Natural

Contact Features

Contact Size	1.5mm
Contact Type	Receptacle
Mating Tab Width	1.5 mm[.059 in]

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	PBT
Centerline (Pitch)	2.2 mm[.086 in]

Dimensions

Product Width	21.2 mm[.834 in]
Row-to-Row Spacing	8.6 mm[.339 in]
Product Length	49.2 mm[1.93 in]
Connector Height	26.2 mm[1.03 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C[158 °F][167 °F][176 °F][185 °F]

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Method	Bag
Packaging Quantity	50

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) 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 applicable 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 # 776001-1
RECPT TERMINAL 1.5MM OBD CONN

Customers Also Bought



TE Part #206460-1
CPC PLUG ASSEMBLY SIZE 11-8



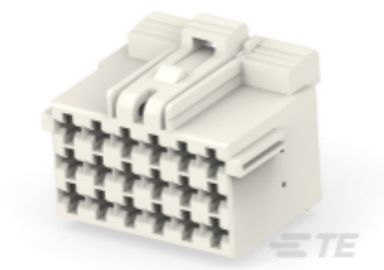
TE Part #776001-1
RECPT TERMINAL 1.5MM OBD CONN



TE Part #1544650-3
PC 2V 8NG1 GRIS JT



TE Part #1544970-1
SEAL, NG9K



TE Part #2137358-2
AMP-MCP 2.8mm RECEPTACLE HOUSING , 18POS



TE Part #2151725-1
OCEAN_2.0_APPLICATOR-S-053F061O-RSM



TE Part #2151854-1
OCEAN_2.0_APPLICATOR-S-070F100O-RSM



TE Part #2349180-3
DIA 4MM,TERMINAL,FAM SLD,CB

TE Part #2-1813018-3
MINI FUSE RECEPTACLE PITCH 7MM 2~3.0



TE Part #2137400-1
5POS,AMP MCP1.5K,REC. HSG

Documents

Product Drawings

DIAGNOSTIC PLUG HSG 16P NARU.

Japanese

CAD Files

Customer View Model

ENG_CVM_CVM_179631-1_N.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_179631-1_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_179631-1_N.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

Instruction Sheets

Instruction Sheet (U.S.)

English

Automotive On-Board Diagnostic Connector 179631-1

English