

179631-1 ✓ ACTIVE

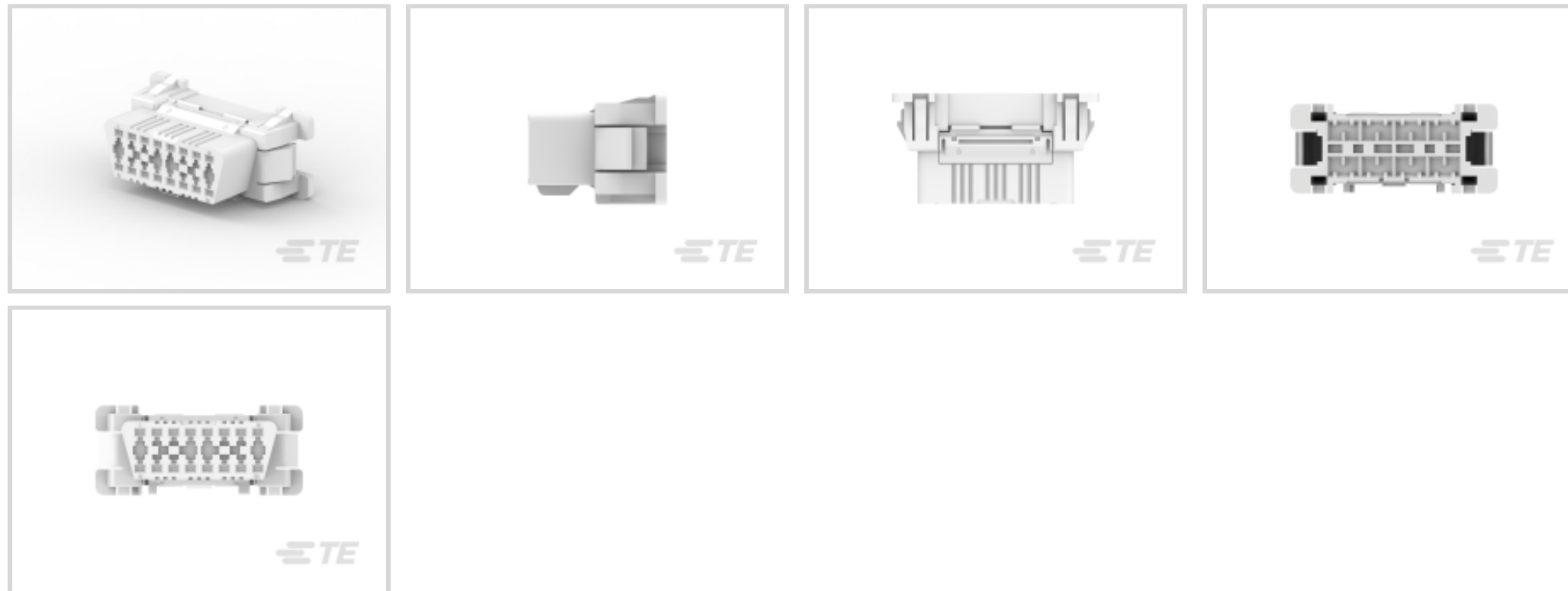


TE Internal #: 179631-1

Housing for Female Terminals, Wire-to-Wire, 16 Position, .086 in [2.2 mm] Centerline, Natural, Signal, Panel Mount, -40 – 85 °C [-40 – 185 °F]

[View on TE.com >](#)

Connectors > Automotive Connectors > Connector Housings



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

Mating Tab Width: **1.5 mm [ .059 in ]**

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

Number of Positions: **16**

Centerline (Pitch): **2.2 mm [ .086 in ]**

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	16
Number of Rows	2

### Body Features

Cable Exit Angle	180°
Body Material	PBT
Primary Product Color	Natural

### Contact Features

Contact Size	1.5mm
--------------	-------



Contact Type	Receptacle
--------------	------------

Mating Tab Width	1.5 mm[.059 in]
------------------	-----------------

### Mechanical Attachment

Mounting Feature	Without
------------------	---------

Terminal Position Assurance	No
-----------------------------	----

Strain Relief	Without
---------------	---------

Mating Alignment Type	Polarized
-----------------------	-----------

Mating Alignment	With
------------------	------

Connector Mounting Type	Panel Mount
-------------------------	-------------

### Housing Features

Centerline (Pitch)	2.2 mm[.086 in]
--------------------	-----------------

### Dimensions

Product Width	21.2 mm[.834 in]
---------------	------------------

Product Length	49.2 mm[1.93 in]
----------------	------------------

Product Height	26.2 mm[1.03 in]
----------------	------------------

Row-to-Row Spacing	8.6 mm[.339 in]
--------------------	-----------------

### Usage Conditions

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

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

### Operation/Application

Circuit Application	Signal
---------------------	--------

### Packaging Features

Packaging Quantity	50
--------------------	----

Packaging Method	Bag
------------------	-----

### 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 2022 (224)

Candidate List Declared Against: JUNE 2022 (224)

Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I &lt; 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



## 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