



Connectors > Automotive Connectors > Automotive Housings > Housing for Female Terminals HVP-HD 1400



Connector System: **Wire-to-Panel**  
Number of Positions: **1**  
Connector & Housing Type: **Housing for Female Terminals**  
Sealable: **Yes**  
Mating Pin Diameter: **10 mm [ .4 in ]**

[All Housing for Female Terminals HVP-HD 1400 \(24\)](#)

Features

Product Type Features

|                                   |                              |
|-----------------------------------|------------------------------|
| Mixed & Hybrid Connector          | Yes                          |
| Connector System                  | Wire-to-Panel                |
| Connector & Housing Type          | Housing for Female Terminals |
| Sealable                          | Yes                          |
| Connector & Contact Terminates To | Wire & Cable                 |
| Primary Locking Feature           | Integrated in Housing        |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 1 |
| Number of Rows      | 1 |

Electrical Characteristics

|                              |          |
|------------------------------|----------|
| Operating Voltage            | 1000 VAC |
| Nominal Voltage Architecture | 1000 V   |



Body Features

|                         |        |
|-------------------------|--------|
| Cable Exit Angle        | 180°   |
| Primary Product Color   | Orange |
| Connector & Keying Code | C      |

Contact Features

|                     |              |
|---------------------|--------------|
| Contact Size        | 10mm         |
| Contact Type        | Socket       |
| Mating Pin Diameter | 10 mm[.4 in] |

Mechanical Attachment

|                             |                            |
|-----------------------------|----------------------------|
| Terminal Position Assurance | Yes                        |
| Strain Relief               | With                       |
| Mating Alignment Type       | Polarization               |
| Connector Mounting Type     | Cable Mount (Free-Hanging) |

Housing Features

|                  |       |
|------------------|-------|
| Housing Material | PA GF |
|------------------|-------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature (Max) | 140 °C[284 °F]             |
| Operating Temperature Range | -40 – 140 °C[-40 – 284 °F] |

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

|                        |          |
|------------------------|----------|
| Degree of Protection   | IPX9K    |
| UL Flammability Rating | UL 94V-0 |

Other

|                                      |     |
|--------------------------------------|-----|
| Serviceable                          | Yes |
| Connector Position Assurance Capable | Yes |

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 2024 (241)

Candidate List Declared Against: JUNE 2024 (241)

SVHC > Threshold:  
Octamethylcyclotetrasiloxane (D4) (.3% in Component Part)  
Dodecamethylcyclohexasiloxane (D6) (.3% in Component Part)  
Decamethylcyclopentasiloxane (D5) (.3% in Component Part)

Article Safe Usage Statements:  
Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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 # CAT-AQ4-PHA1400  
Power Tube HVP-HD 1400 Accessories



TE Part # 2399667-1  
H&S 70mm, SWS



TE Part # 2399667-2  
H&S 95mm, SWS



TE Part # 2399667-3  
H&S 120mm, SWS





TE Part # CAT-AQ4-HHD1400180  
HVP HD1400 180 deg

TE Part # CAT-AQ4-HHD140090  
HVP HD1400 90 deg

TE Part # 2386340-2  
DIA 14MM,TERMINAL,FAM SLD /UNSLD,CB

TE Part # 2386340-3  
DIA 14MM,TERMINAL,FAM SLD /UNSLD,CB

TE Part # 2386340-4  
DIA 14MM,TERMINAL,FAM SLD /UNSLD,CB

TE Part # 2387549-4  
CU ALLOY,INNER FERRULE,150SQ

TE Part # 2399667-4  
HS,150MM,SWS

TE Part # 2399668-4  
HS,150MM,CABLE CLIP

TE Part # 2410841-1  
BLIND PLUG BLOCK ASSMBLY, FINGER UNLOCK.

TE Part # 2410841-2  
BLIND PLUG BLOCK ASSMBLY, TOOL UNLOCK.

TE Part # 2414096-3  
1POS DIA14.0 ASSY,180DEG THROUGH HOLE

TE Part # 2458887-2  
HD1400 2PIN 90DEG DB CODE NO HVIL BACK

TE Part # 2413971-1  
HD1400 2PIN 180DEG AA CODE NO HVIL TOP

TE Part # 2399667-5  
HS HIGH FLEX,95MM2,CABLE SWS

TE Part # 2488527-1  
HD1400 2PIN 180DEG AB CODE NO HVIL FRONT

TE Part # 2488528-1  
HD1400 2PIN 180DEG CD CODE NO HVIL BACK

Also in the Series | PowerTube HVP-HD 1400

Automotive Housings(24)

Automotive Terminals(3)

Connector Seals & Cavity Plugs(5)

Other Automotive Connector Accessories(27)





### Customers Also Bought

### Documents

#### Product Drawings

Pre-ASSY,Finger Access,Code C

English

#### CAD Files

Customer View Model

ENG\_CVM\_CVM\_2399663-3\_B2.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2399663-3\_B2.2d\_dxf.zip

English

#### 3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2399663-3\_B2.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

#### Datasheets & Catalog Pages

HIVONEX CONNECTORS & CHARGING SOLUTIONS

English

#### Product Specifications

Application Specification

English

2399663-3

Housing for Female Terminals, Wire-to-Panel, 1 Position, Sealable, Orange, Wire & Cable, Power, Cable Mount (Free-Hanging), PowerTube HVP-HD 1400

