



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: **14 mm [.55 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 VDC
Nominal Voltage Architecture	1000 V



Body Features

Cable Exit Angle	180°
Primary Product Color	Orange
Connector & Keying Code	A

Contact Features

Contact Type	Socket
Mating Pin Diameter	14 mm[.55 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
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Usage Conditions

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

Operation/Application

Circuit Application	Power
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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)
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Customers Also Bought



Documents

Product Drawings

Pre-ASSY,Finger Access,Code A

English

CAD Files

Customer View Model

ENG_CVM_CVM_2399663-1_B2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2399663-1_B2.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2399663-1_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

2399663-1

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

