

2399663-5 ✓ ACTIVE

PowerTube | PowerTube HVP-HD 1400

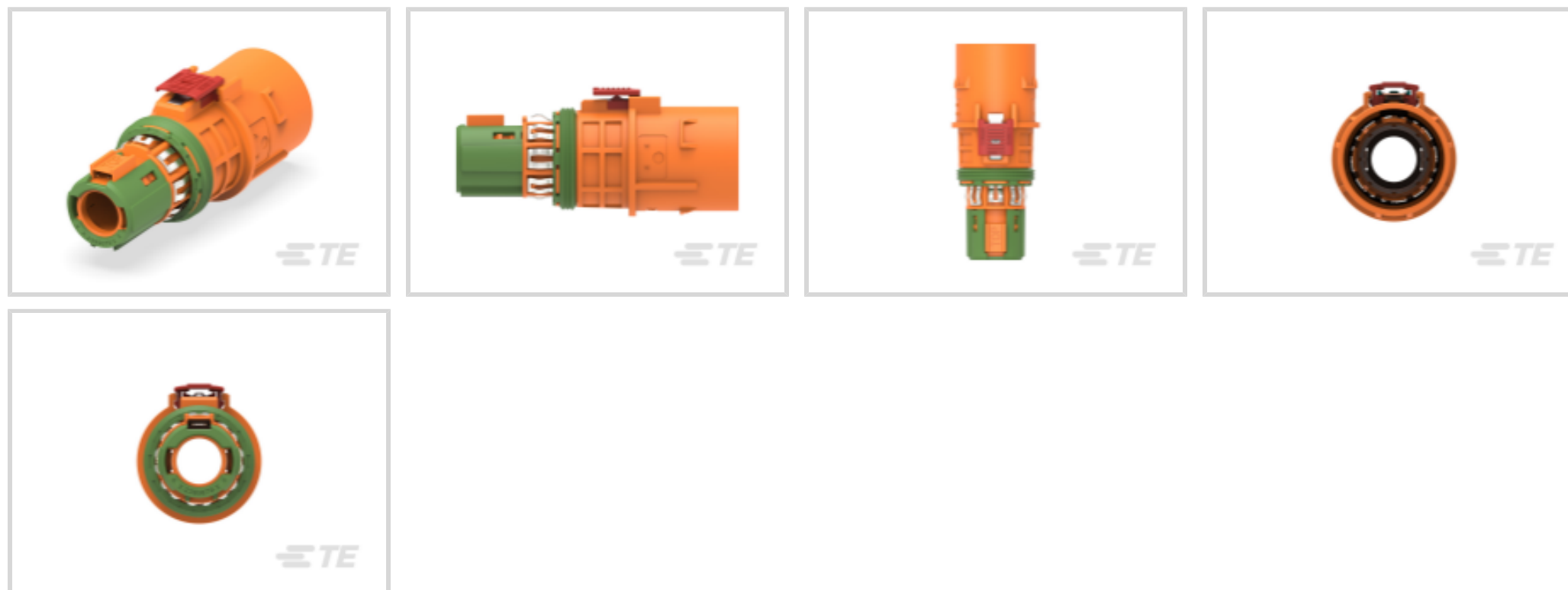
TE Internal #: 2399663-5

Housing for Female Terminals, Wire-to-Bus Bar, Sealable, Wire & Cable, Power & Signal, Cable Mount (Free-Hanging), PowerTube HVP-HD 1400

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Bus Bar**

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

Sealable: **Yes**

Connector & Contact Terminates To: **Wire & Cable**

Circuit Application: **Power & Signal**

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector System	Wire-to-Bus Bar
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Clean Body

Electrical Characteristics

Operating Voltage	1000 VAC
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Body Features

Cable Exit Angle	180°
Connector & Keying Code	12

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[-104 – 284 °F]

Operation/Application

Circuit Application	Power & Signal
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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	<p>Current ECHA Candidate List: JUNE 2023 (235)</p> <p>Candidate List Declared Against: JUNE 2023 (235)</p> <p>SVHC > Threshold:</p> <p>Octamethylcyclotetrasiloxane (D4) (.11% in Component Part)</p> <p>Dodecamethylcyclohexasiloxane (D6) (.11% in Component Part)</p> <p>Decamethylcyclopentasiloxane (D5) (.11% in Component Part)</p> <p>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.</p>
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 # 1-2399606-1
1POS,HVP1400,ASSY,180DEG,COD K



TE Part # 1-2399606-2
1POS,HVP1400,ASSY,180DEG,COD L



TE Part # 1-2399606-3
1POS,HVP1400,ASSY,180DEG,COD M



TE Part # 1-2399607-1
2POS,HVP1400,ASSY,180DEG,COD A /B



TE Part # 1-2399607-2
2POS,HVP1400,ASSY,180DEG,COD C /D



TE Part # 1-2399607-3
2POS,HVP1400,ASSY,180DEG,COD E /F



TE Part # 1-2399607-4
2POS,HVP1400,ASSY,180DEG,COD G /H



TE Part # 1-2399607-5
2POS,HVP1400,ASSY,180DEG,COD J /K



TE Part # 1-2399607-6
2POS,HVP1400,ASSY,180DEG,COD L /M



TE Part # 1-2399608-1
3POS,HVP1400,ASSY,180DEG,COD A /B/C



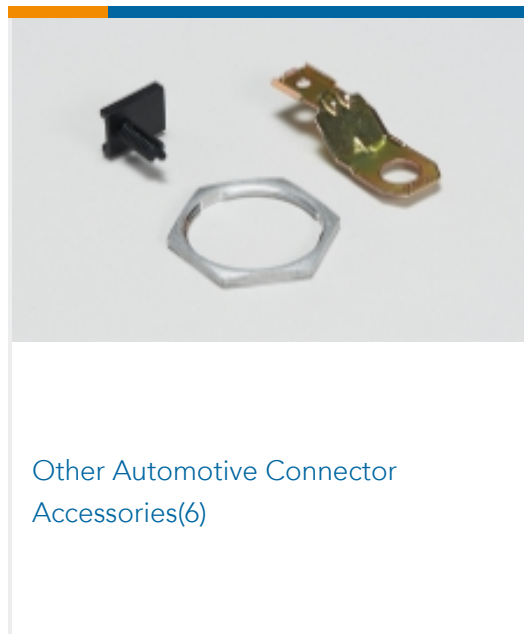
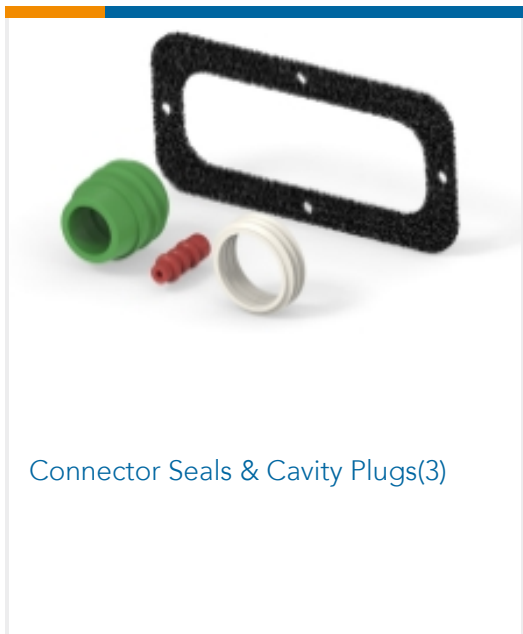
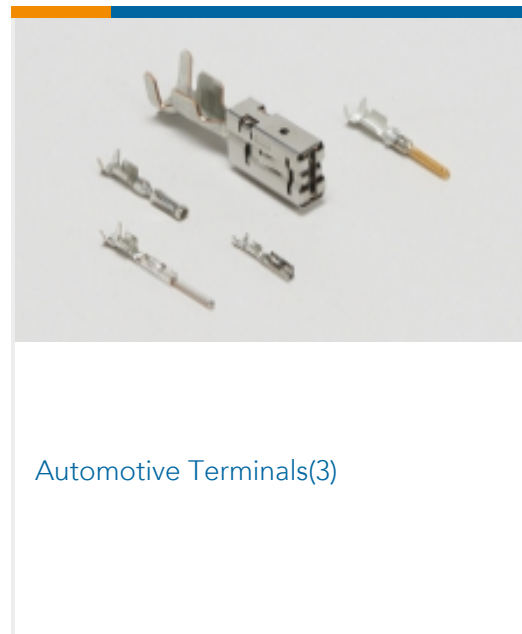
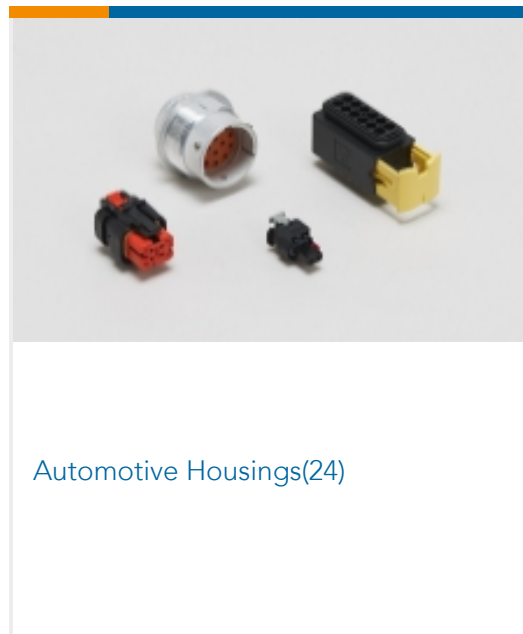
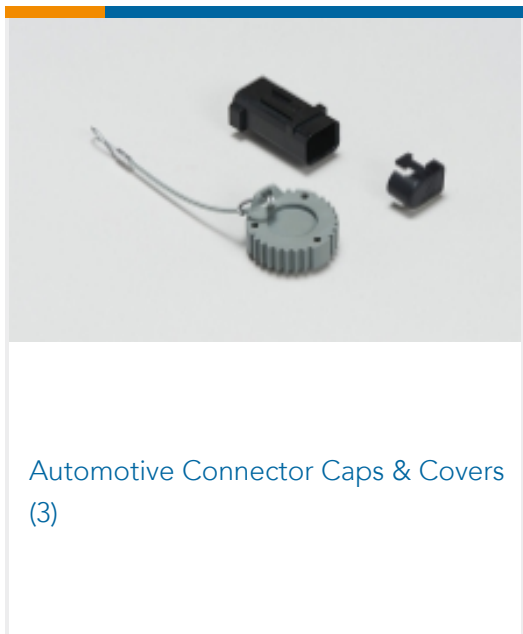
TE Part # 1-2399608-2
3POS,HVP1400,ASSY,180DEG,COD D /E/F



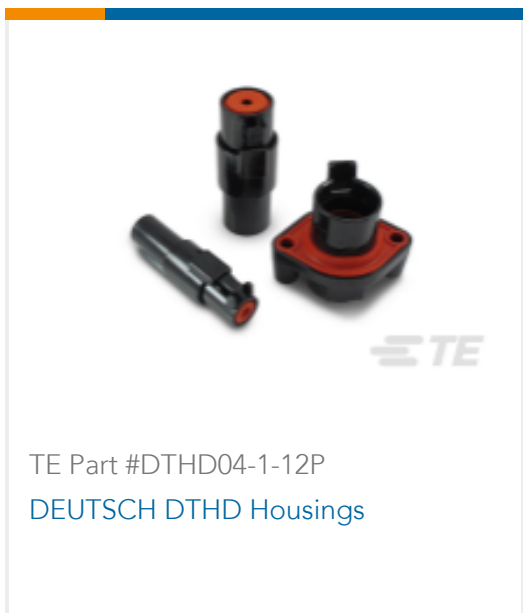
TE Part # 1-2399608-3
3POS,HVP1400,ASSY,180DEG,COD G /H/J



Also in the Series | **PowerTube HVP-HD 1400**



Customers Also Bought





Documents

Product Drawings

[Pre-ASSY,Finger Access,Code E](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2399663-5_B1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2399663-5_B1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2399663-5_B1.2d_dxf.zip](#)

English

3D PDF

3D

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