

2399663-6 ✓ ACTIVE



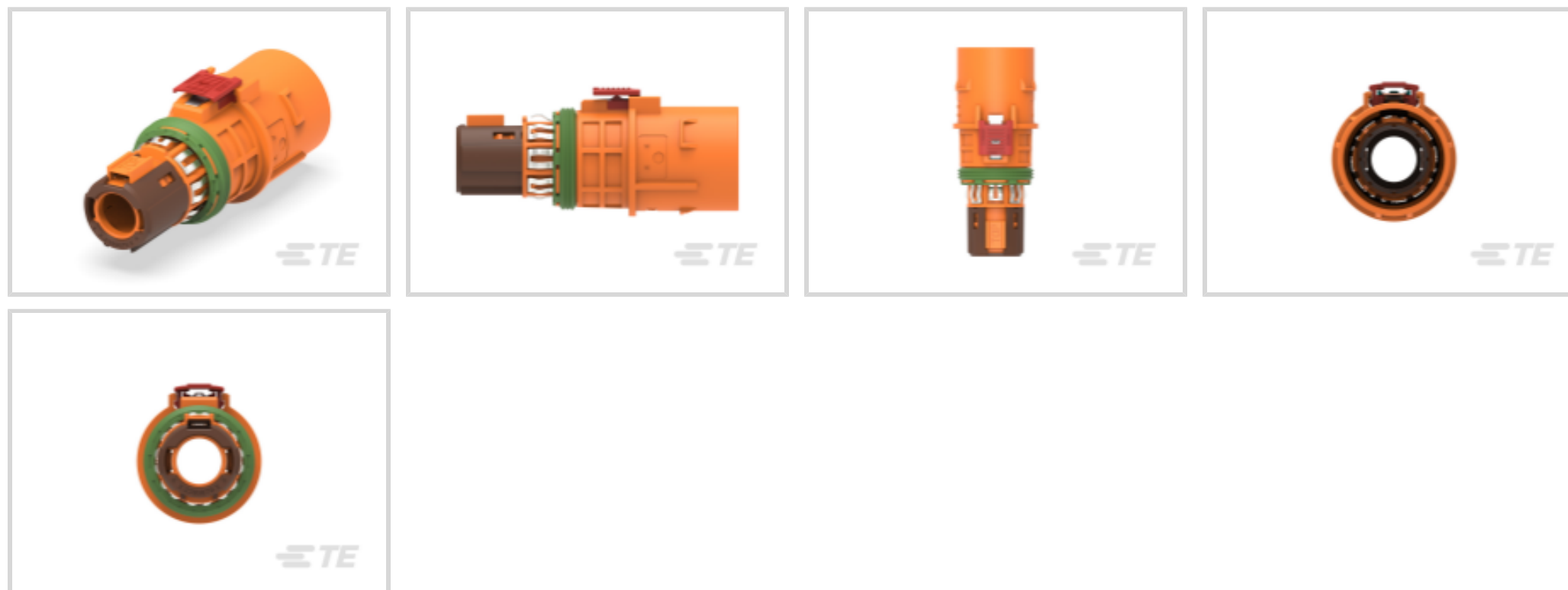
PowerTube | PowerTube HVP-HD 1400

TE Internal #: 2399663-6

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

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings > PowerTube HVP-HD 1400 Plug Pre-Assemblies



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 PowerTube HVP-HD 1400 Plug Pre-Assemblies \(24\)](#)

Features

Product Type Features

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
Mixed & Hybrid Connector	Yes

Configuration Features

Number of Positions	1
Number of Rows	1

Contact Features

Mating Pin Diameter	10 mm[.4 in]
Contact Size	10mm



Contact Type	Socket
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Body Features

Primary Product Color	Orange
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Connector & Keying Code	F
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Cable Exit Angle	180°
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Operation/Application

Circuit Application	Power
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Mechanical Attachment

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

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

Nominal Voltage Architecture	1000 V
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Operating Voltage	1000 VDC
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Other

Connector Position Assurance Capable	Yes
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EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Serviceable	Yes
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Housing Features

Housing Material	PA GF
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Industry Standards

IP Rating	IPX9K
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UL Flammability Rating	UL 94V-0
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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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 2024 (241)</p> <p>Candidate List Declared Against: JUNE 2024 (241)</p> <p>SVHC > Threshold:</p> <p>Octamethylcyclotetrasiloxane (D4) (.3% in Component Part)</p> <p>Dodecamethylcyclohexasiloxane (D6) (.3% in Component Part)</p> <p>Decamethylcyclopentasiloxane (D5) (.3% 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 # CAT-AQ4-PHA1400
PowerTube HVP-HD 1400 Accessories and Plug Components



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



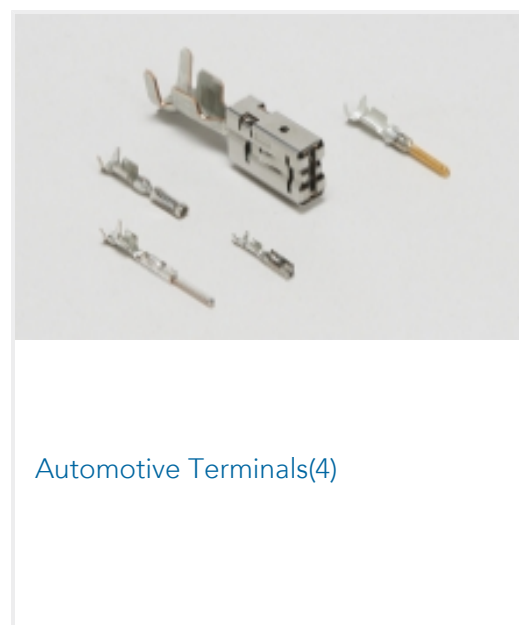
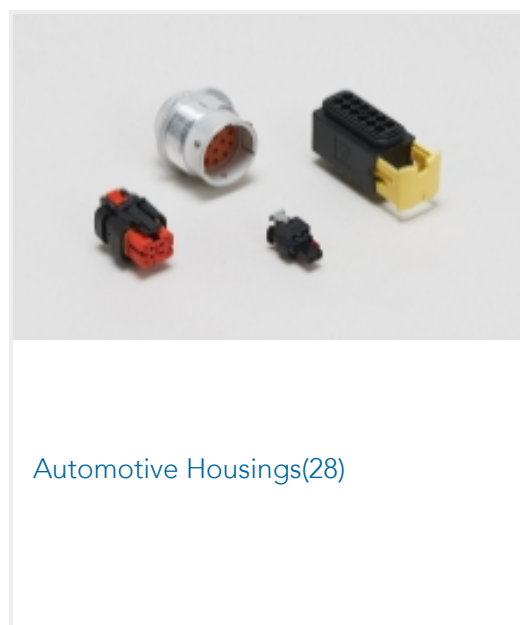
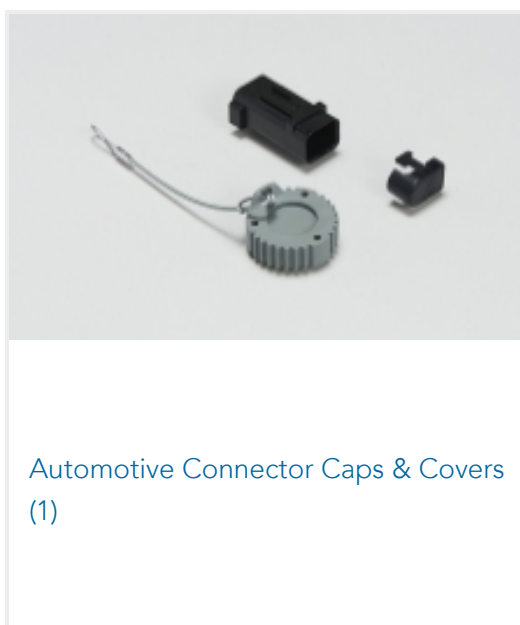
TE Part # 2399667-2
H&S 95mm, SWS

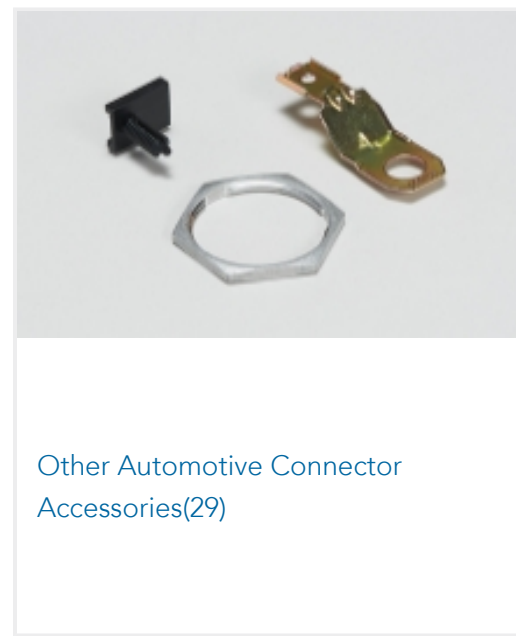
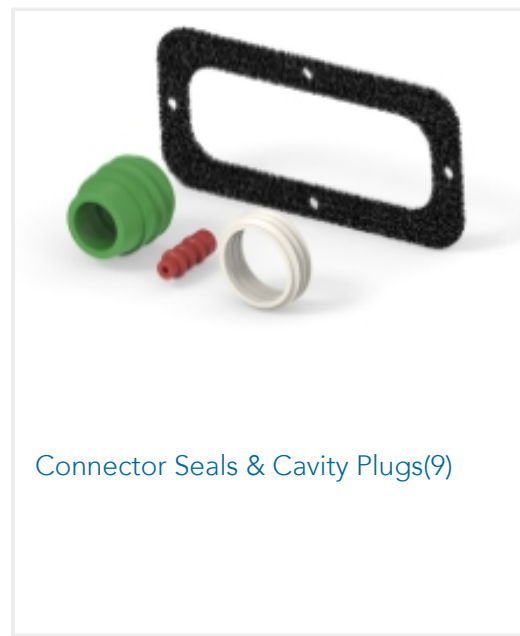
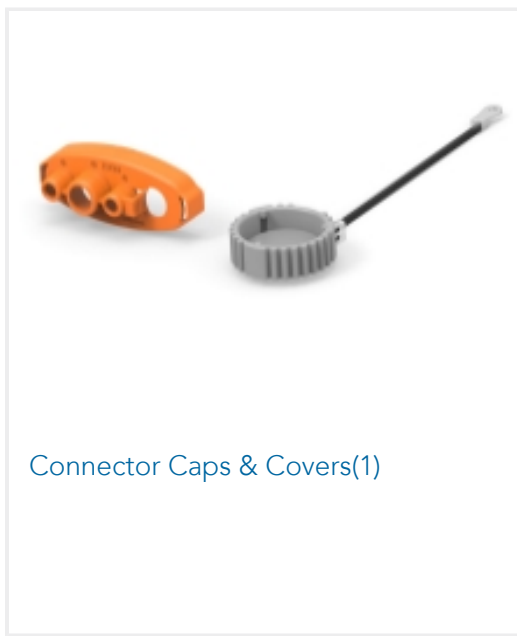


TE Part # 2399667-3
H&S 120mm, SWS



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





Customers Also Bought



Documents

Product Drawings

Pre-ASSY,Finger Access,Code F

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2399663-6_B2.3d_igs.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2399663-6_B2.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2399663-6_B2.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

HIVONEX CONNECTORS & CHARGING SOLUTIONS

English

Product Specifications

Application Specification

English