

2394085-4 ✓ ACTIVE

PowerTube | PowerTube HVP-HD 1000

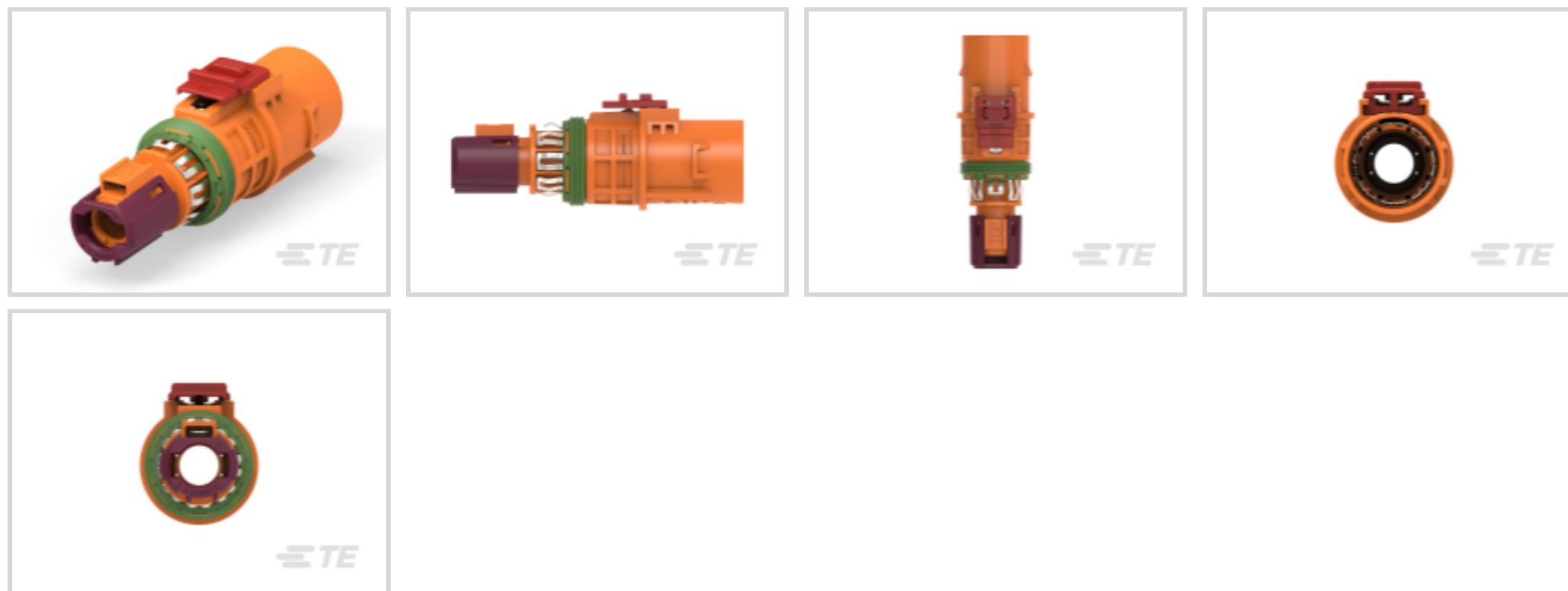
TE Internal #: 2394085-4

1 Position Housing, Housing for Female Terminals, Wire-to-Panel, Sealable, Orange, Wire & Cable, Power, PowerTube HVP-HD 1000

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings > PowerTube HVP-HD 1000 Plug Pre-Assemblies



Number of Positions: 1

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

Mating Pin Diameter: **10 mm [.4 in]**

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

Sealable: **Yes**

[All PowerTube HVP-HD 1000 Plug Pre-Assemblies \(24\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	1
Number of Rows	1

Electrical Characteristics

Operating Voltage	1000 VDC
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Body Features

Cable Exit Angle	180°
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Primary Product Color	Orange
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Connector & Keying Code	D
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Contact Features

Contact Size	10mm
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Contact Type	Socket
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Mating Pin Diameter	10 mm [.4 in]
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Mechanical Attachment

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

Housing Material	PA GF
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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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Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IPX9K
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UL Flammability Rating	UL 94V-0
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Other

Serviceable	Yes
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Connector Position Assurance Capable	Yes
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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
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247)
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Candidate List Declared Against: JAN 2025 (247)

SVHC > Threshold:

Dodecamethylcyclhexasiloxane (D6) (.3% in Component Part)

Decamethylcyclopentasiloxane (D5) (.3% in Component Part)

Octamethylcyclotetrasiloxane (D4) (.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.




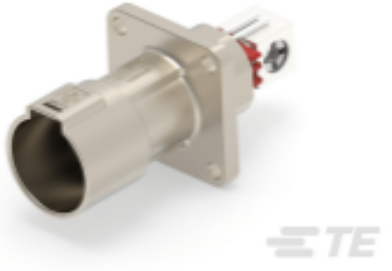
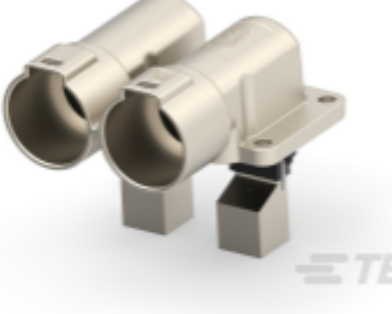
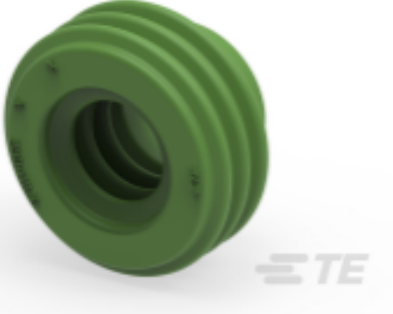
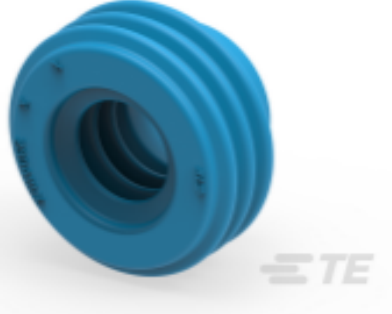

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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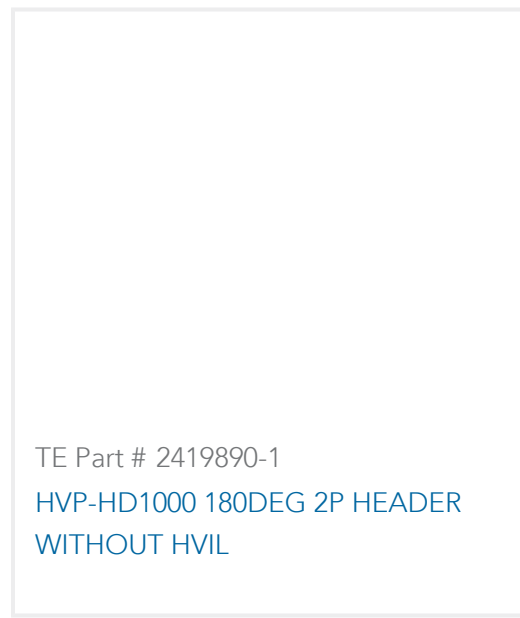
Solder Process Capability	Not reviewed for solder process capability
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Product Compliance Disclaimer

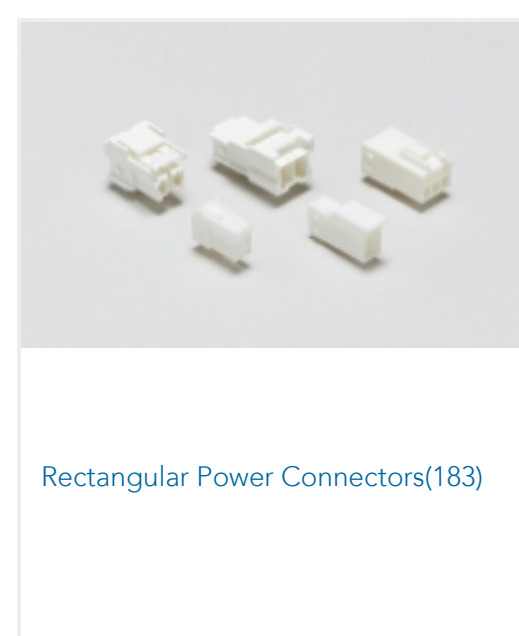
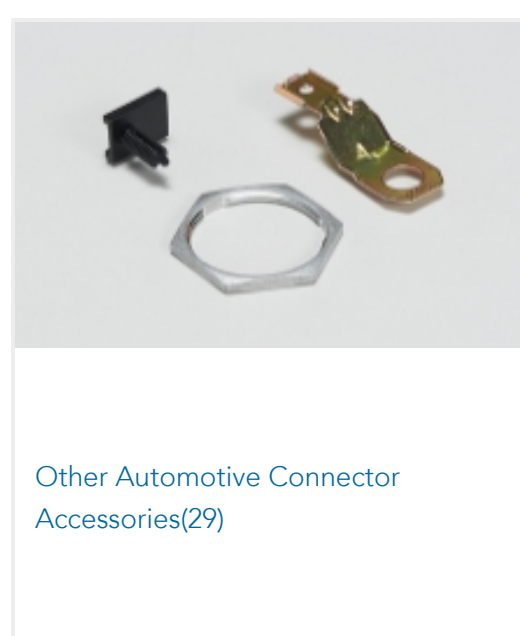
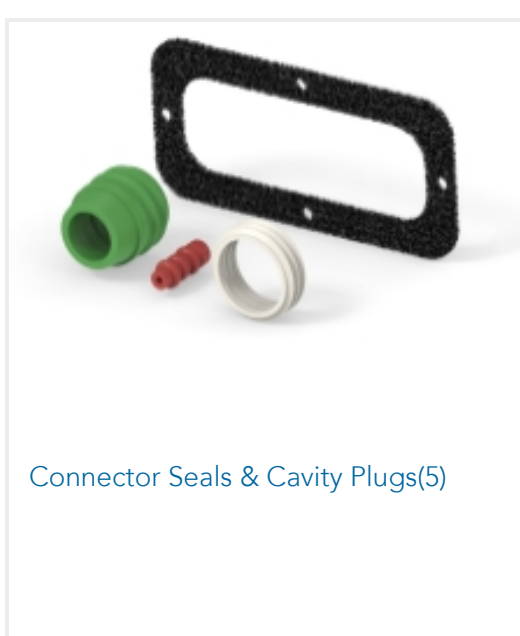
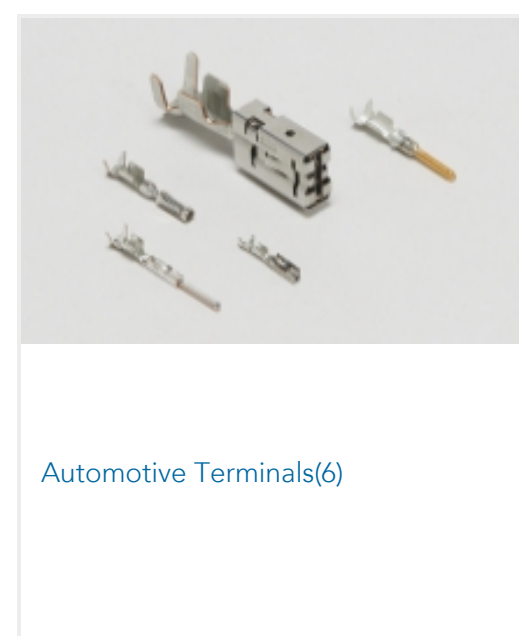
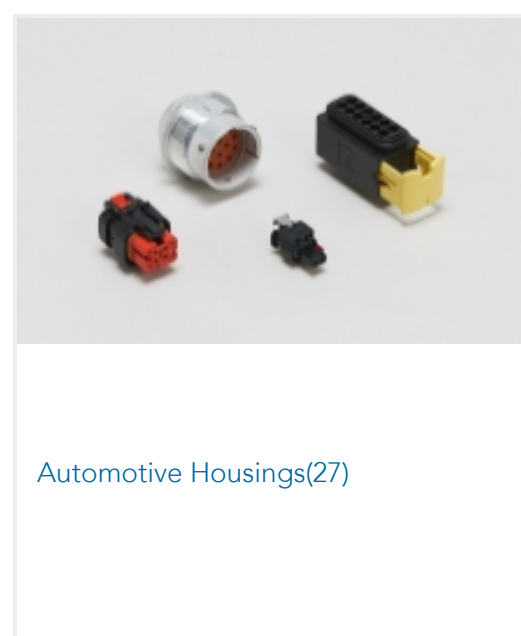
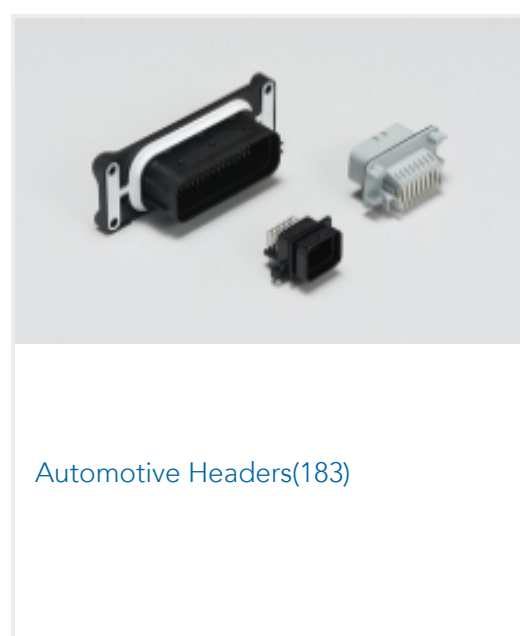
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 <p>TE Part # 2410636-1 CU ALLOY, INNER FERRULE, 35SQ</p>	 <p>TE Part # 2407666-1 BLIND PLUG BLOCK ASSEMBLY, FINGER UNLOCK</p>	 <p>TE Part # CAT-AQ4-PHA1000 PowerTube HVP-HD 1000 Accessories and Plug Components</p>	 <p>TE Part # CAT-AQ4-HHD1000180 PowerTube HVP-HD 1000 180° Headers</p>
 <p>TE Part # CAT-AQ4-HHD100090 PowerTube HVP-HD 1000 90° Headers</p>	 <p>TE Part # 2394111-2 H&S 50mm, SWS</p>	 <p>TE Part # 2394111-1 H&S 35mm, SWS</p>	 <p>TE Part # 2383445-2 DIA 10MM, TERMINAL, FAM SLD /UNSLD,CB</p>



Also in the Series | **PowerTube HVP-HD 1000**



Customers Also Bought



Documents

Product Drawings

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

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2394085-4_C.3d_stp.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2394085-4_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2394085-4_C.3d_igs.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](#)

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