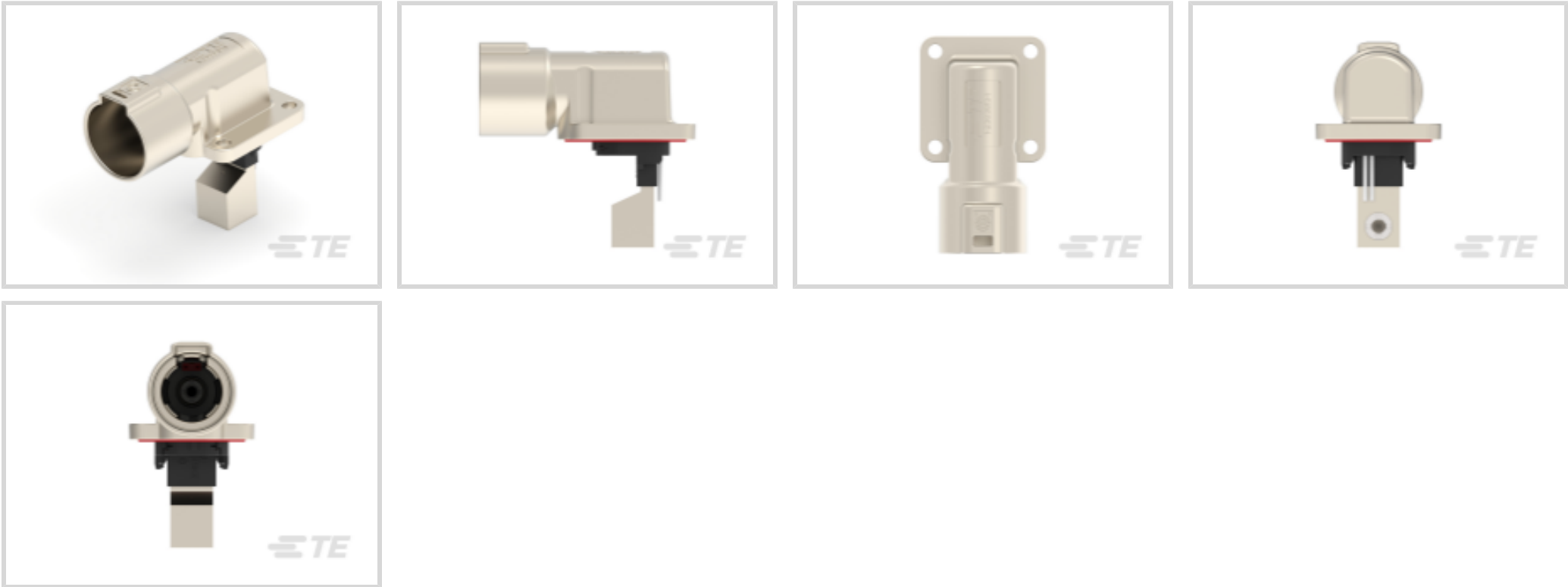




Connectors > PCB Connectors > PCB Headers & Receptacles > PowerTube HVP-HD 1000 90° Headers



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

Number of Positions: **1**

Number of Rows: **1**

Centerline (Pitch): **36 mm [ 1.417 in ]**

Header Type: **Header & Push-Push Assembly**

[All PowerTube HVP-HD 1000 90° Headers \(90\)](#)

Features

Product Type Features

Connector System	Bus Bar-to-Wire
Header Type	Header & Push-Push Assembly
Sealable	Yes
Connector & Contact Terminates To	Bus Bar
Connector Product Type	Connector Assembly

Configuration Features

Number of Positions	1
Number of Rows	1

Electrical Characteristics

Operating Voltage	1000 VDC
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Body Features

Connector & Keying Code	A
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Primary Product Color	Black
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Contact Features

Mating Pin Diameter	10 mm[.393 in]
Contact Mating Area Plating Material	Silver (Ag)
Contact Type	Pin
Contact Current Rating (Max)	500 A

Termination Features

Termination Method to PCB	Through Hole - Screw
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Mechanical Attachment

Mating Alignment Type	Polarization
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	36 mm[1.417 in]
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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 & Signal
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Industry Standards

IP Rating	IPX9K
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tray
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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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247)



SVHC > Threshold:  
Decamethylcyclopentasiloxane (D5) (2.41% in 30409391928)  
Octamethylcyclotetrasiloxane (D4) (10% 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	Not Yet Reviewed for halogen content
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 # 2407806-1  
COVER, SHIPPING CAP FOR HD1000  
HEADER

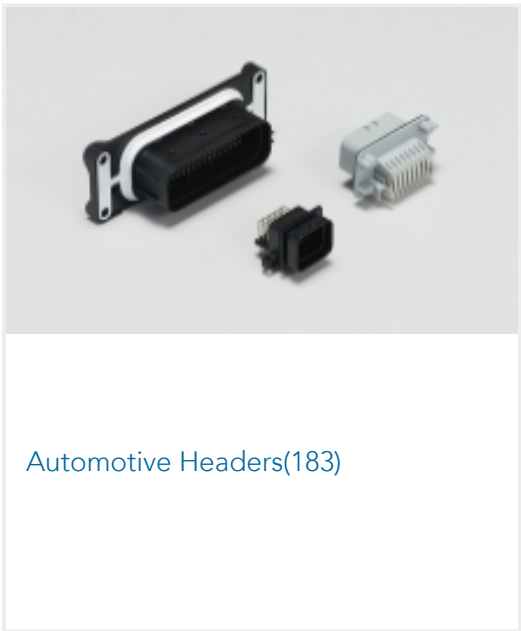


TE Part # CAT-AQ4-HFFTH1000  
PowerTube HVP-HD 1000 Plug Pre-  
Assemblies

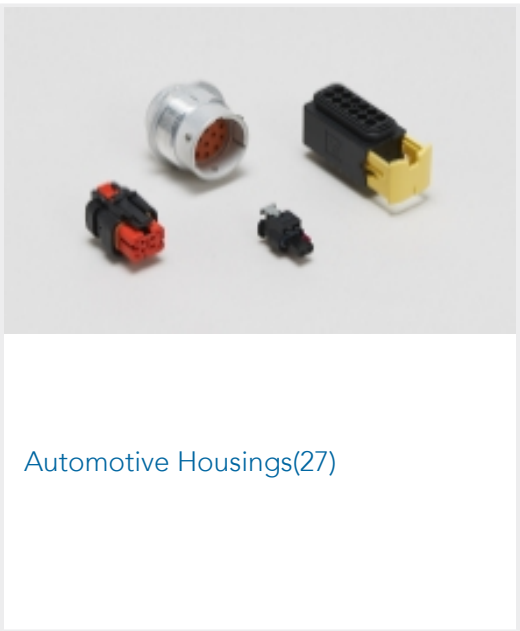
Also in the Series | PowerTube HVP-HD 1000



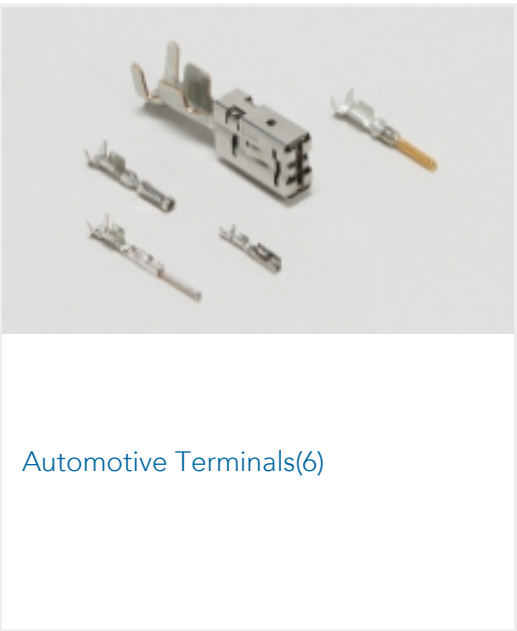
Automotive Connector EMC Shielding  
(4)



Automotive Headers(183)




Automotive Housings(27)



Automotive Terminals(6)





Connector Seals & Cavity Plugs(5)



Other Automotive Connector Accessories(29)



PCB Headers & Receptacles(183)



Rectangular Power Connectors(183)

Documents

Product Drawings  
1POS,HVP1000,ASSY,90DEG,COD A  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_4-2394070-1\_C.3d\_stp.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_4-2394070-1\_C.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_4-2394070-1\_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  
English