



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

Housing Features

Housing Material	PA GF
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Industry Standards

IP Rating	IPX9K
UL Flammability Rating	UL 94V-0

Mechanical Attachment

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

Other

Serviceable	Yes
Connector Position Assurance Capable	Yes
EU RoHS Compliance	Compliant



EU ELV Compliance

Compliant

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

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

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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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

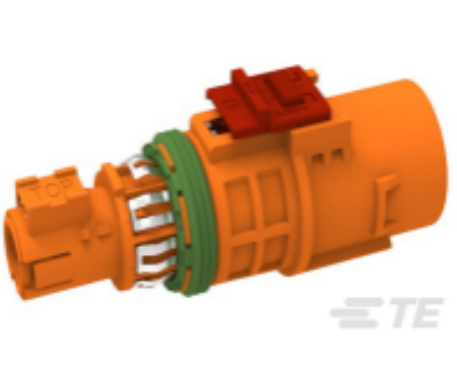


China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.3% in Component Part) Dodecamethylcyclohexasiloxane (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 # 2482836-1 HD1000 2PIN 90DEG BA CODE NO HVIL BACK	 TE Part # 2410636-3 CU ALLOY, INNER FERRULE, 70SQ	 TE Part # 2410635-1 CU ALLOY, OUTER FERRULE	 TE Part # 2409547-1 HD1000 PRE-ASSY, NO TPA, FINGER
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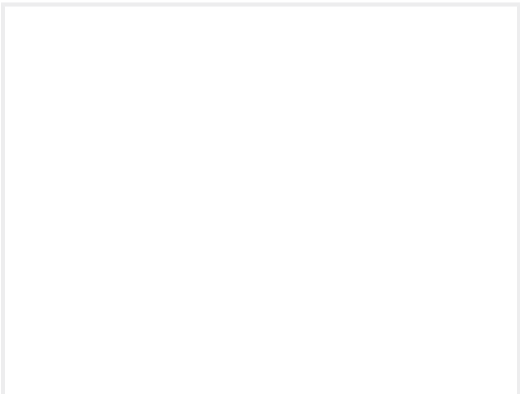
TE Part # 2482835-1
HD1000 2PIN 180DEG BA CODE NO
HVIL BACK



TE Part # 2407666-2
BLIND PLUG BLOCK ASSMBLY,
TOOL UNLOCK.



TE Part # 2383445-5
DIA 10MM, TERMINAL, FAM SLD
/UNSLD,CB



TE Part # 2419890-1
HVP-HD1000 180DEG 2P HEADER
WITHOUT HVIL



TE Part # 2410636-2
CU ALLOY, INNER FERRULE, 50SQ



TE Part # 2488526-1
HD1000 2PIN 90DEG AB CODE NO
HVIL TOP



TE Part # 2383445-6
DIA 10MM, TERMINAL, FAM SLD
/UNSLD,CB



TE Part # 2394060-1
1POS, HVP1000, ASSY, 180DEG, COD A
/UNSLD,CB



TE Part # 2383445-1
DIA 10MM, TERMINAL, FAM SLD
/UNSLD,CB



TE Part # 2394060-3
1POS, HVP1000, ASSY, 180DEG, COD C
/UNSLD,CB



TE Part # 2383445-3
DIA 10MM, TERMINAL, FAM SLD
/UNSLD,CB



TE Part # 2394060-2
1POS, HVP1000, ASSY, 180DEG, COD B
/UNSLD,CB



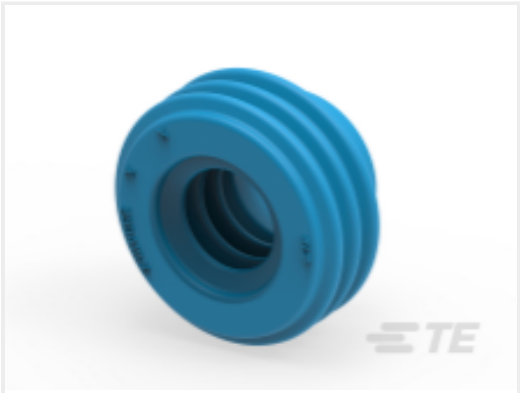
TE Part # 2383445-4
DIA 10MM, TERMINAL, FAM SLD
/UNSLD,CB



TE Part # CAT-AQ4-HHD100090
PowerTube HVP-HD 1000 90° Headers

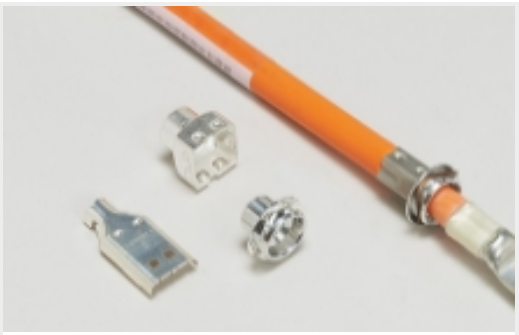


TE Part # CAT-AQ4-HHD1000180
PowerTube HVP-HD 1000 180°
Headers



TE Part # 2394111-1
H&S 35mm, SWS

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



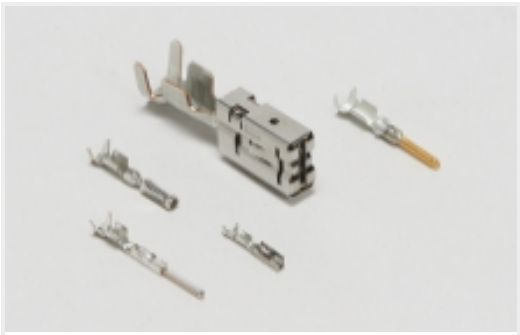
Automotive Connector EMC Shielding
(4)



Automotive Headers(183)



Automotive Housings(27)



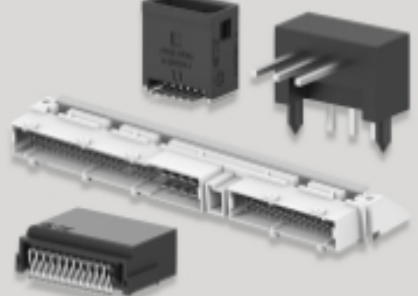
Automotive Terminals(6)



Connector Seals & Cavity Plugs(5)



Other Automotive Connector Accessories(29)



PCB Headers & Receptacles(183)

Customers Also Bought



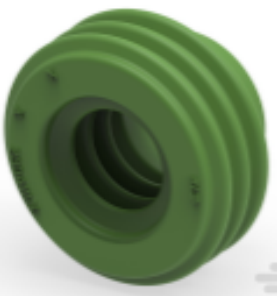
TE Part #CAT-AQ4-PHA1000
PowerTube HVP-HD 1000 Accessories
and Plug Components



TE Part #2383445-2
DIA 10MM, TERMINAL, FAM SLD
/UNSLD,CB



TE Part #2394085-3
Pre-ASSY, Finger Access, Code C



TE Part #2394111-2
H&S 50mm, SWS



TE Part #2394111-3
H&S 70mm, SWS

Documents

Product Drawings

Pre-ASSY, Finger Access, Code A

English

CAD Files

Customer View Model

ENG_CVM_CVM_2394085-1_C.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2394085-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2394085-1_C.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

Application Specification

English