

8-2394070-2 ✓ ACTIVE

PowerTube | PowerTube HVP-HD 1000

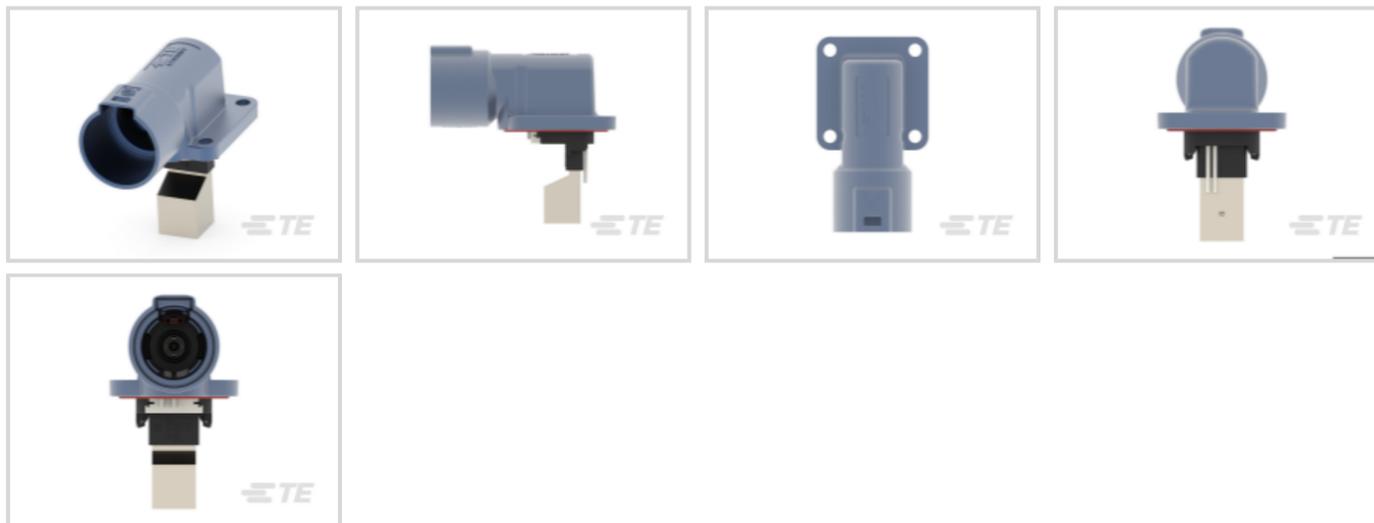
TE Internal #: 8-2394070-2

Bus Bar-to-Wire, 1 Position, 1 Row, 36mm [1.417in] Centerline,  
Silver (Ag), Sealable, Bus Bar, PowerTube HVP-HD 1000

[View on TE.com >](#)



Automotive Parts > Automotive Connectors > Automotive Headers > PowerTube HVP-HD 1000 90° Headers



Contact Current Rating (Max): **500 A**

Termination Method to PCB: **Through Hole - Screw**

Sealable: **Yes**

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

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

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

## Features

### Product Type Features

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

### 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	B
Primary Product Color	Natural



### Contact Features

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

### 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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250)



SVHC > Threshold:

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

BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

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 # 2494574-2  
HD1000 BLIND PLUG GEN2 NO SHIELD TOOL



TE Part # 2485612-2  
HD1000 BLIND PLUG GEN2 TOOL



TE Part # 2494574-1  
HD1000 BLIND PLUG GEN2 NO SHIELD FINGER



TE Part # 2407806-1  
COVER, SHIPPING CAP FOR HD1000 HEADER



TE Part # 2485612-1  
HD1000 BLIND PLUG GEN2 FINGER



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

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



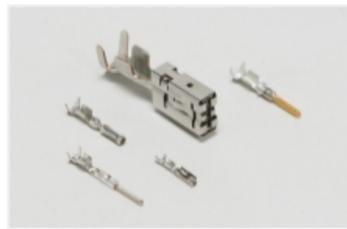
Automotive Connector EMC Shielding (4)



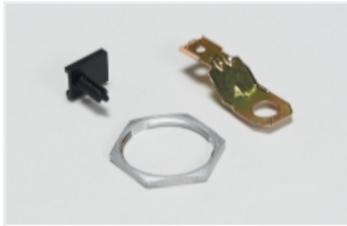
Automotive Housings(26)



Automotive Seals & Cavity Plugs(9)



Automotive Terminals(6)



Other Automotive Connector Accessories(29)

## Customers Also Bought



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



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



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



TE Part #8-2394060-2  
1POS,HVP1000,ASSY,180DEG,COD B



TE Part #2394070-2  
1POS,HVP1000,ASSY,90DEG,COD B



TE Part #2-2344533-1  
SHIELD CRIMP FERRULE



TE Part #2-2362415-1  
2POS,PCON21,REC INNER HSG,SLD, 180DEG



TE Part #2-2365266-1  
2POS,21MM,CABLE SEAL COLLET, ASSY

## Documents

### Product Drawings

1POS,HVP1000,ASSY,90DEG,COD B

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_8-2394070-2\_C.3d\_igs.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_8-2394070-2\\_C.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_8-2394070-2\\_C.2d\\_dxf.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

[HIVONEX CONNECTORS & CHARGING SOLUTIONS](#)

English

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### Product Specifications

[Application Specification](#)

English