

8-2394070-3 ✓ ACTIVE

PowerTube | PowerTube HVP-HD 1000

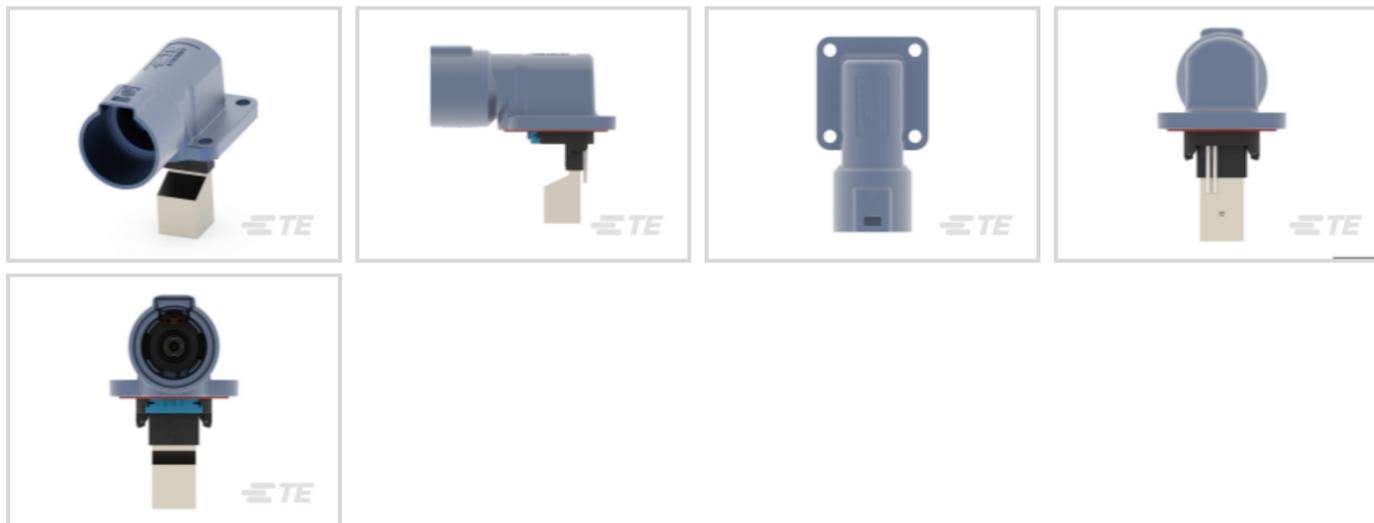
TE Internal #: 8-2394070-3

Bus Bar-to-Wire, 1 Position, 1 Rows, 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 |
|-------------------|----------|

Body Features

| | |
|-------------------------|------|
| Connector & Keying Code | C |
| Primary Product Color | Blue |



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 |
|---------------------------|----------------------|

Mechanical Attachment

| | |
|-------------------------|--------------|
| Mating Alignment Type | Polarization |
| Connector Mounting Type | Panel Mount |

Housing Features

| | |
|--------------------|-----------------|
| Centerline (Pitch) | 36 mm[1.417 in] |
|--------------------|-----------------|

Usage Conditions

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

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

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

Packaging Features

| | |
|------------------|------|
| Packaging Method | Tray |
|------------------|------|

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 2025 (250) 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 # 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 # 2494574-2
HD1000 BLIND PLUG GEN2 NO SHIELD TOOL



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



TE Part # 2485612-1
HD1000 BLIND PLUG GEN2 FINGER

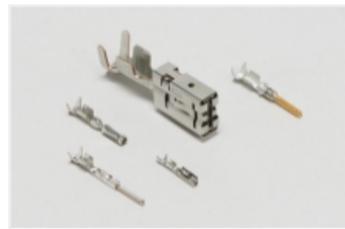
Also in the Series | **PowerTube HVP-HD 1000**



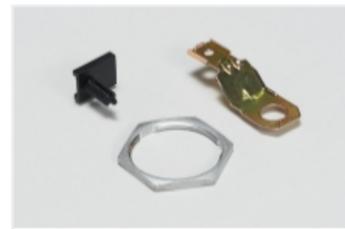
Automotive Connector EMC Shielding (4)



Automotive Housings(26)



Automotive Terminals(6)



Other Automotive Connector Accessories(29)

Documents

Product Drawings

[1POS,HVP1000,ASSY,90DEG,COD C](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_8-2394070-3_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-2394070-3_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-2394070-3_C.3d_stp.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