

8-2399609-2  ACTIVE

[PowerTube | PowerTube HVP-HD 1400](#)

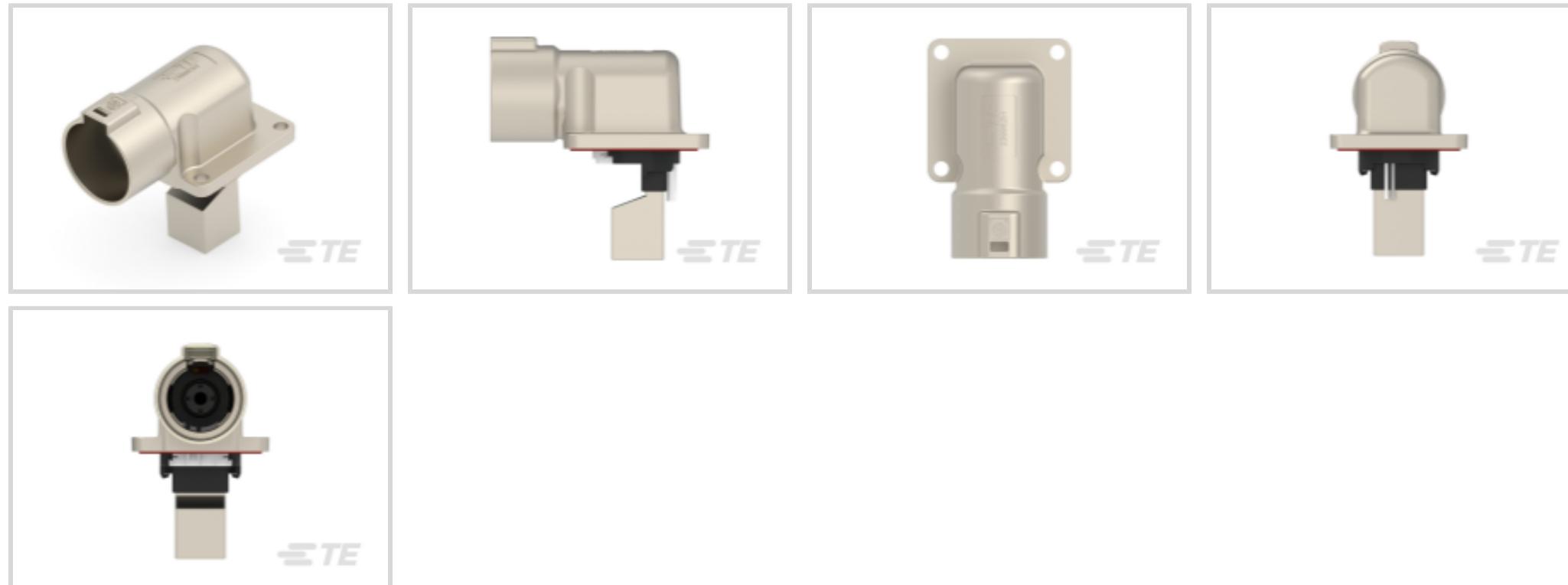
TE Internal #: 8-2399609-2

Bus Bar-to-Wire, 1 Position, Header & Push-Push Assembly, Silver (Ag), Through Hole - Screw, Sealable, Power, Natural, PowerTube HVP-HD 1400

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles > HVP HD1400 90 deg



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

Number of Positions: **1**

Number of Rows: **1**

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

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

[All HVP HD1400 90 deg \(90\)](#)

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	1
Number of Rows	1

### Electrical Characteristics

Nominal Voltage Architecture	1000 V
Operating Voltage	1000 VAC

### Body Features

Connector & Keying Code	B
-------------------------	---

Primary Product Color Natural

#### Contact Features

Mating Pin Diameter	14 mm [.55 in]
Contact Mating Area Plating Material	Silver (Ag)
Contact Type	Pin

#### Termination Features

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

#### Mechanical Attachment

Mating Alignment Type	Polarization
Connector Mounting Type	Panel Mount
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	Without

#### Usage Conditions

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

#### Operation/Application

Circuit Application	Power
---------------------	-------

#### Industry Standards

Degree of Protection	IP6K9K
UL Flammability Rating	UL 94V-0

#### Packaging Features

Packaging Method	Container
------------------	-----------

#### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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)

Halogen Content	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.
Solder Process Capability	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.  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 # CAT-AQ4-HFFTH1400  
Housing for Female Terminals HVP-HD  
1400



TE Part # 2407804-1  
COVER, SHIPPING CAP FOR HD1400  
HEADER



TE Part # 2446256-1  
HD1400 PRE-ASSY,NO TPA,FINGER



TE Part # 2446256-2  
HD1400 PRE-ASSY,NO TPA,TOOL

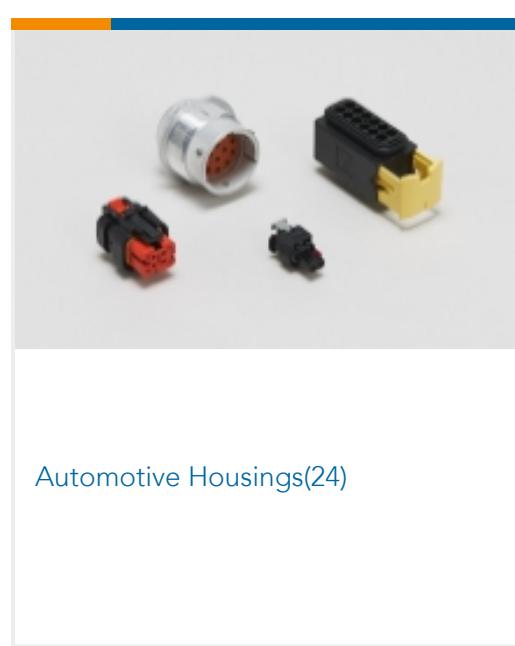


TE Part # 2446256-3  
HD1400 PRE-ASSY SU-BEAM,NO TPA,  
FINGER

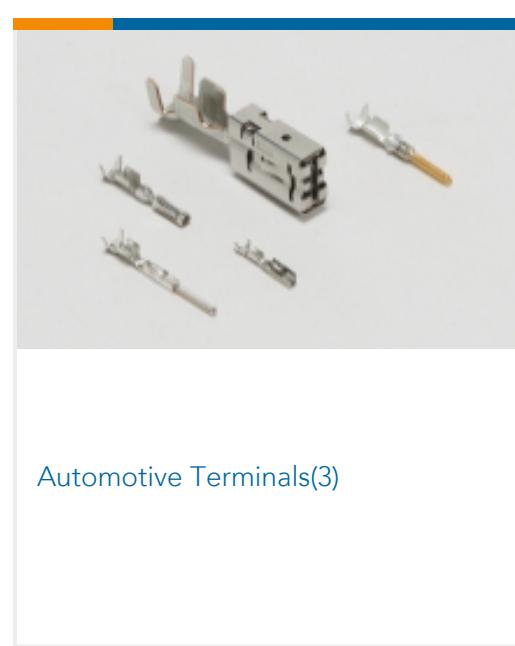


TE Part # 2446256-4  
HD1400 PRE-ASSY SU-BEAM,NO TPA,  
TOOL

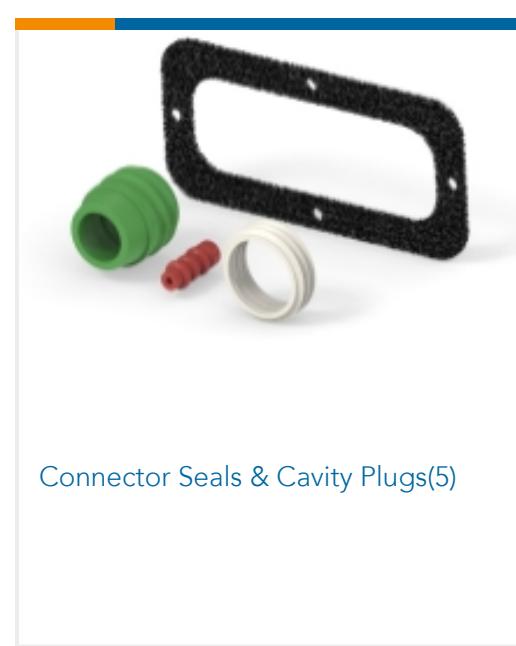
## Also in the Series | PowerTube HVP-HD 1400



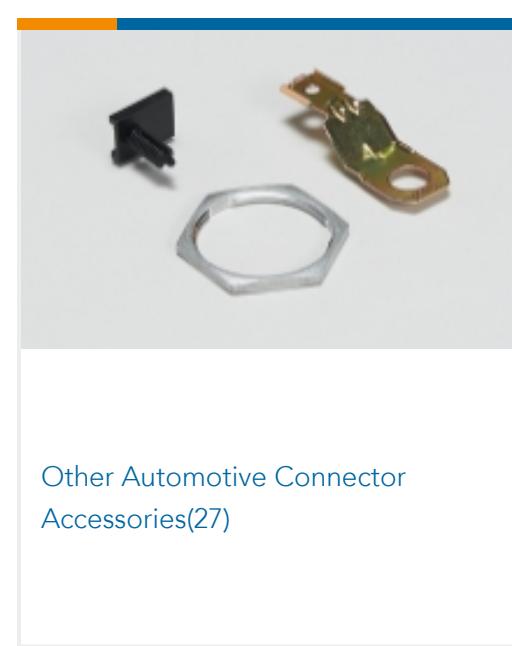
Automotive Housings(24)



Automotive Terminals(3)



Connector Seals &amp; Cavity Plugs(5)



Other Automotive Connector Accessories(27)



PCB Headers &amp; Receptacles(183)

## Customers Also Bought

TE Part #1393436-2  
V23542C1028B102=28P KABELBAUMSTE Part #929650-2  
DECKEL F MQSTE Part #31819  
SPLICE,SOLIS BUTT 16-14TE Part #86016-1  
MOD IV RECP LPTE Part #5-928999-1  
MQS0,63 Sn rec LL unseal. >0,2-0,35TE Part #8-2399609-1  
1POS,HVP1400,ASSY,90DEG,COD ATE Part #1-963616-1  
REC CONN CVR ASSY,18POS,MQSTE Part #4-928776-4  
MOD II A PIN, 0.8 AU, F6, L8.8, PLS  
REL

## Documents

### Product Drawings

[1POS,HVP1400,ASSY,90DEG,COD B](#)

English

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_8-2399609-2\\_B.3d\\_igs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_8-2399609-2\\_B.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_8-2399609-2\\_B.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