

#### PowerTube | PowerTube HVP-HD 1400

TE Internal #: 2399607-2

Bus Bar-to-Wire, 2 Position, 47 mm [1.85 in] Centerline, Fully Shrouded, Silver (Ag), Through Hole - Screw, Sealable, Power,

PowerTube HVP-HD 1400

View on TE.com >

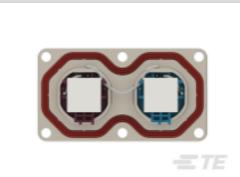


Connectors > PCB Connectors > PCB Headers & Receptacles > PowerTube HVP-HD 1400 180° Headers











Connector System: Bus Bar-to-Wire

Number of Positions: 2

Number of Rows: 1

Centerline (Pitch): 47 mm [ 1.85 in ]
Header Type: Fully Shrouded

All PowerTube HVP-HD 1400 180° Headers (90)

### **Features**

### **Product Type Features**

Connector Shape	Circular
Connector System	Bus Bar-to-Wire
Header Type	Fully Shrouded
Sealable	Yes
Connector & Contact Terminates To	Bus Bar
Connector Product Type	Connector Assembly
Configuration Features	
Number of Positions	2
Number of Rows	1
Electrical Characteristics	
Operating Voltage	1000 VDC



### **Body Features**

Connector & Keying Code	C/D
Primary Product Color	Blue, Purple

#### **Contact Features**

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

#### **Termination Features**

#### Mechanical Attachment

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

### **Housing Features**

7 mm[1.85 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	
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# **Industry Standards**

IP Rating	IP6K9K
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 30688962355)  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-onreach

# Compatible Parts



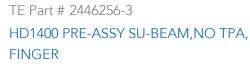
HD1400 PRE-ASSY,NO TPA,TOOL





HD1400 PRE-ASSY,NO TPA,FINGER

TE Part # CAT-AQ4-HFFTH1400 PowerTube HVP-HD 1400 Plug Pre-Assemblies





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



TOOL



# Also in the Series | PowerTube HVP-HD 1400



Automotive Connector Caps & Covers (1)



Automotive Connector EMC Shielding (5)



Automotive Housings(28)

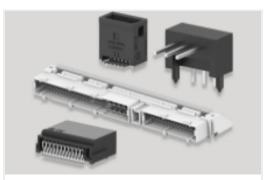


Automotive Terminals(4)





Other Automotive Connector Accessories(29)



PCB Headers & Receptacles(189)



Rectangular Power Connectors(189)

# Customers Also Bought













### **Documents**

#### **CAD Files**

Customer View Model ENG\_CVM\_CVM\_2399607-2\_D.2d\_dxf.zip

#### English

Customer View Model ENG\_CVM\_CVM\_2399607-2\_D.3d\_igs.zip

English



**Customer View Model** 

ENG\_CVM\_CVM\_2399607-2\_D.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

Unsealed Interconnection System I&C Tran

English

**Product Specifications** 

**Application Specification** 

English