



Automotive Parts > Automotive Connectors > Automotive Headers > PowerTube HVP-HD 1400 180° Headers



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

Sealable: **Yes**

Connector & Contact Terminates To: **Bus Bar**

Circuit Application: **Power**

Primary Product Color: **Blue, Purple**

[All PowerTube HVP-HD 1400 180° Headers \(90\)](#)

Features

Product Type Features

Sealable	Yes
Connector & Contact Terminates To	Bus Bar

Electrical Characteristics

Operating Voltage	1000 VDC
Nominal Voltage Architecture	1000 V

Body Features

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

Contact Features

Mating Pin Diameter	14 mm[.55 in]
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Termination Features

Termination Method to PCB	Through Hole - Screw
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Mechanical Attachment

Mating Alignment Type	Polarization
Connector Mounting Type	Panel Mount

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
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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: Dodecamethylcyclohexasiloxane (D6) (.71% in 26482122991) Decamethylcyclopentasiloxane (D5) (2.41% in 30409226519) 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

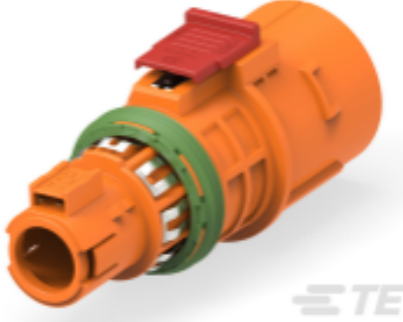
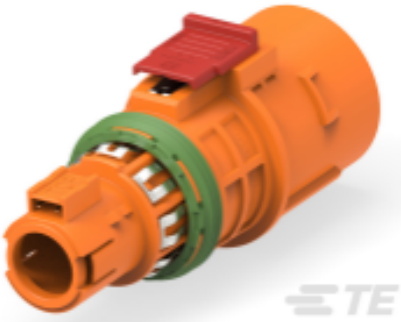
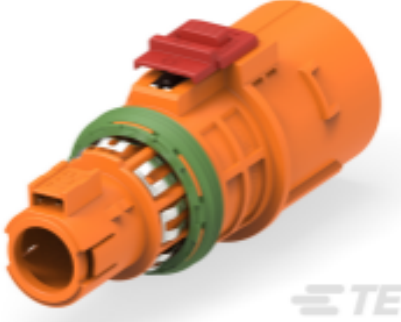
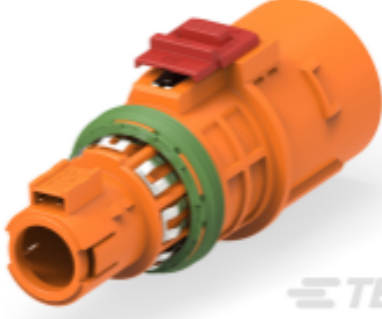
Product Compliance Disclaimer

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 # 2446256-2 HD1400 PRE-ASSY,NO TPA,TOOL	 TE Part # 2407804-1 COVER,SHIPPING CAP FOR HD1400 HEADR	 TE Part # 2446256-4 HD1400 PRE-ASSY SU-BEAM,NO TPA, TOOL	 TE Part # 2446256-1 HD1400 PRE-ASSY,NO TPA,FINGER
 TE Part # CAT-AQ4-HFFTH1400 PowerTube HVP-HD 1400 Plug Pre-Assemblies	 TE Part # 2446256-3 HD1400 PRE-ASSY SU-BEAM,NO TPA, FINGER		

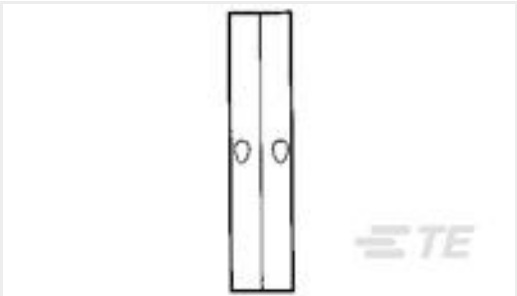
Also in the Series | PowerTube HVP-HD 1400

 Automotive Connector Caps & Covers (1)	 Automotive Connector EMC Shielding (5)	 Automotive Headers(189)	 Automotive Housings(28)
 Automotive Seals & Cavity Plugs(9)	 Automotive Terminals(4)	 Connector Caps & Covers(1)	 Connector Seals & Cavity Plugs(9)

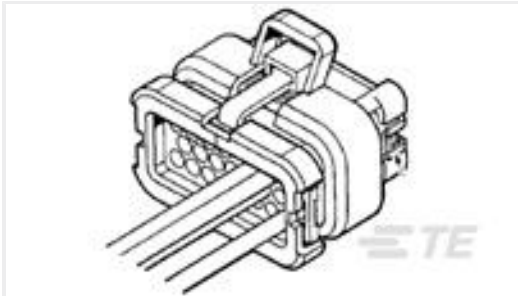


Other Automotive Connector Accessories(29)

Customers Also Bought



TE Part #31818
SPLICE, SOLIS, BUTT, 22-16 COMM 22-18MIL



TE Part #776164-1
35POS,AMPSEAL,SOC HSG ASSY,SLD, COD 1



TE Part #1670866-1
COVER,180



TE Part #2365737-2
RING TONGUE TRMNL,95MM2 WIRE FOR IPT



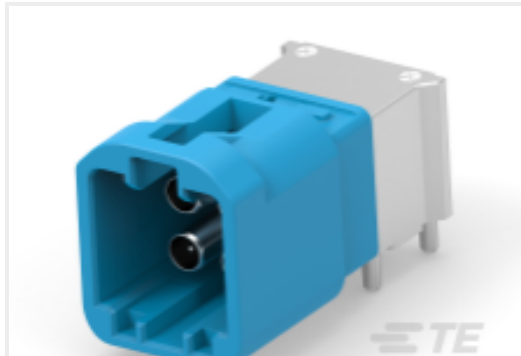
TE Part #1-2394061-1
2POS,HVP1000,ASSY,180DEG,COD AB



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



TE Part #2399663-5
Pre-ASSY,Finger Access,Code E



TE Part #2405707-3
4P,MATE-AX,HDR ASSY,90DEG,COD C



TE Part #2405707-4
4P,MATE-AX,HDR ASSY,90DEG,COD D

Documents

Product Drawings

2POS,HVP1400,ASSY,180DEG,COD C/D

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-2399607-2_D.2d_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_1-2399607-2_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2399607-2_D.3d_stp.zip](#)

English

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