



Automotive Parts > Automotive Connectors > Automotive Headers > PowerTube HVP-HD 1400 90° Headers



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

Sealable: **Yes**

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

Circuit Application: **Power**

Primary Product Color: **Natural**

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

Features

Product Type Features

Connector Shape	Circular
Sealable	Yes
Connector & Contact Terminates To	Bus Bar

Electrical Characteristics

Operating Voltage	1000 VDC
Nominal Voltage Architecture	1000 V

Body Features

Connector & Keying Code	B
Primary Product Color	Natural

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 26995272779) Decamethylcyclopentasiloxane (D5) (2.41% in 30408935353) Octamethylcyclotetrasiloxane (D4) (.47% in 30408935353) 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

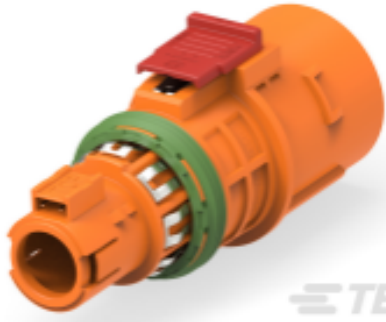
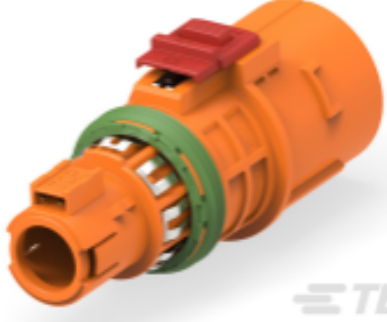
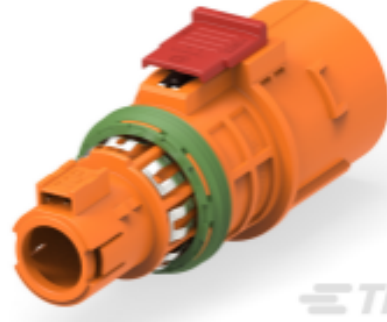
Product Compliance Disclaimer

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

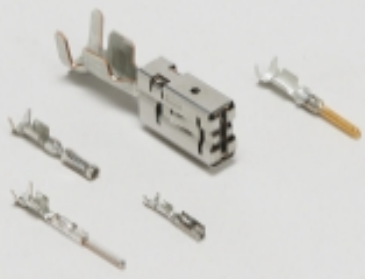


numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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 # 2446256-4 HD1400 PRE-ASSY SU-BEAM,NO TPA, TOOL	 TE Part # 2407804-1 COVER,SHIPPING CAP FOR HD1400 HEADR	 TE Part # 2446256-1 HD1400 PRE-ASSY,NO TPA,FINGER	 TE Part # 2446256-2 HD1400 PRE-ASSY,NO TPA,TOOL
 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 #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



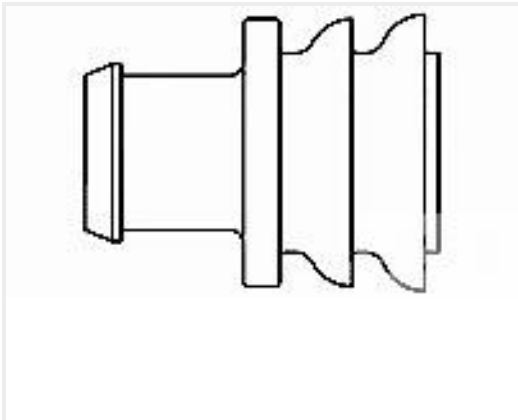
TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

Product Drawings

1POS,HVP1400,ASSY,90DEG,COD B

English

CAD Files

Customer View Model

ENG_CVM_CVM_4-2399609-2_D.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_4-2399609-2_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-2399609-2_D.3d_igs.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