



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



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

Sealable: **Yes**

Centerline (Pitch): **47 mm [1.85 in]**

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

Number of Positions: **3**

[All PowerTube HVP-HD 1400 180° 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	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	1000 VDC
Nominal Voltage Architecture	1000 V

Body Features



Connector & Keying Code	A/B/C
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Primary Product Color	Black, Blue, Natural
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Contact Features

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

Termination Method to PCB	Through Hole - Screw
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Mechanical Attachment

Mating Alignment Type	Polarization
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Mating Alignment	With
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Connector Mounting Type	Panel Mount
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Housing Features

Centerline (Pitch)	47 mm[1.85 in]
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Usage Conditions

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

Circuit Application	Power
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Industry Standards

IP Rating	IP6K9K
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UL Flammability Rating	UL 94V-0
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	
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Current ECHA Candidate List: JUNE 2025 (250)
Candidate List Declared Against: JAN 2025 (247)
SVHC > Threshold:
Dodecamethylcyclohexasiloxane (D6) (.71% in 20434692467)
Decamethylcyclopentasiloxane (D5) (2.41% in 30408932507)
Octamethylcyclotetrasiloxane (D4) (10% in Component Part)

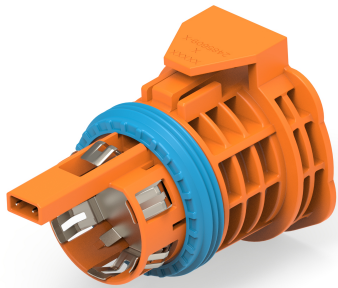
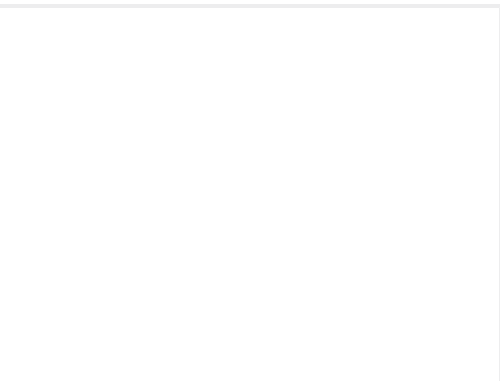
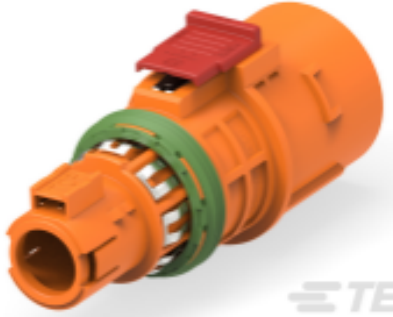
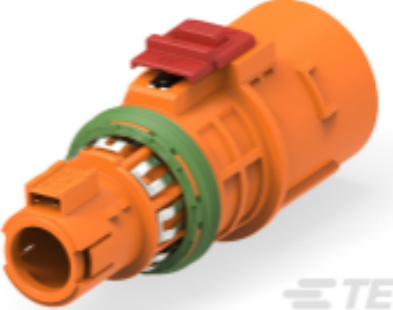
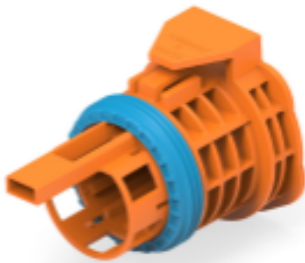
Article Safe Usage Statements:
Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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 # 2446256-1 HD1400 PRE-ASSY,NO TPA,FINGER	 TE Part # 2485609-2 HD1400 BLIND PLUG GEN2 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 # 2494561-1 HD1400 BLIND PLUG GEN2 NO SHIELD 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	 TE Part # 2494561-2 HD1400 BLIND PLUG GEN2 NO SHIELD TOOL



TE Part # 2485609-1
HD1400 BLIND PLUG GEN2 FINGER

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

Also in the Series | PowerTube HVP-HD 1400

Automotive Connector EMC Shielding (5)

Automotive Housings(28)

Automotive Seals & Cavity Plugs(13)

Connector Caps & Covers(1)

Other Automotive Connector Accessories(29)

Customers Also Bought

TE Part #K1060274
Relay 26-06-13

TE Part #1456987-3
2x4 Fem unsealed LP assy Key C

TE Part #2399607-3
2POS,HVP1400,ASSY,180DEG,COD E /F

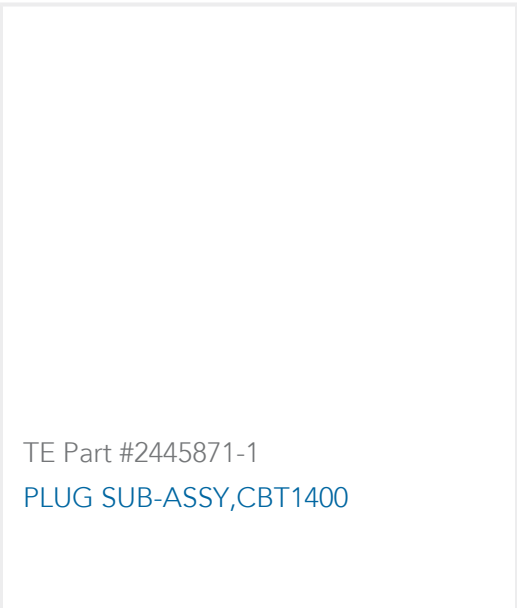
TE Part #CAT-AQ4-PHA1400
PowerTube HVP-HD 1400 Accessories and Plug Components

TE Part #2413920-1
23POS,TAB1.2X0.6,HDR ASSY,180DEG

TE Part #2439461-1
DIA 14MM,TERMINAL,FAM SLD /UNSLD,CB

TE Part #2441221-2
CRIMP ANVIL,95MM2,CBT1400

TE Part #2445794-1
CABLE SWS,70MM2,CBT1400



Documents

Product Drawings

3POS,HVP1400,ASSY,180DEG,COD A/B/C

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-2399608-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2399608-1_D.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1-2399608-1_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