



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Mount Orientation: **Vertical**
Connector System: **Bus Bar-to-Wire**
Number of Positions: **1**
Number of Rows: **1**
Header Type: **Fully Shrouded**

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

PCB Mount Orientation	Vertical
Number of Positions	1
Number of Rows	1

Electrical Characteristics

Operating Voltage	1000 VDC
Nominal Voltage Architecture	1000 V

Body Features



Connector & Keying Code	B
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Primary Product Color	Natural
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Contact Features

Mating Pin Diameter	10 mm[.04 in]
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Contact Mating Area Plating Material	Silver (Ag)
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Contact Type	Pin
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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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PCB Mount Retention	Without
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Connector Mounting Type	Panel Mount
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Mating Alignment	With
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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	Container
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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	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247)
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SVHC > Threshold:
Dodecamethylcyclohexasiloxane (D6) (.71% in 20432762710)
Decamethylcyclopentasiloxane (D5) (2.41% in 30409052209)
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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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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-HFFTH1000
PowerTube HVP-HD 1000 Plug Pre-Assemblies




TE Part # 2407806-1
COVER, SHIPPING CAP FOR HD1000 HEADER


Also in the Series | PowerTube HVP-HD 1000




Automotive Connector EMC Shielding (4)



Automotive Headers(183)



Automotive Housings(27)



Automotive Terminals(6)



Connector Seals & Cavity Plugs(5)

Other Automotive Connector Accessories(29)

PCB Headers & Receptacles(183)

Rectangular Power Connectors(183)

Customers Also Bought

TE Part #CAT-AQ4-HHD100090
PowerTube HVP-HD 1000 90° Headers

TE Part #2394060-1
1POS,HVP1000,ASSY,180DEG,COD A

TE Part #2394085-2
Pre-ASSY,Finger Access,Code B

TE Part #2-2365269-1
2POS,21MM,CABLE COVER

TE Part #2-2344533-1
SHIELD CRIMP FERRULE

TE Part #2-2365225-1
2POS,PCON21,REC INNER HSG,SLD, 180DEG

TE Part #2362408-1
2POS,PCON21,REC HSG ASSY, 180DEG,SLD

TE Part #2-2365266-1
2POS,21MM,CABLE SEAL COLLET, ASSY

TE Part #2-2362415-1
2POS,PCON21,REC INNER HSG,SLD, 180DEG

Documents

Product Drawings
1POS,HVP1000,ASSY,180DEG,COD B
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2394060-2_D.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_2394060-2_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2394060-2_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