



Connectors > PCB Connectors > PCB Headers & Receptacles > HVP HD1000 90 deg



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

Number of Positions: **2**

Number of Rows: **1**

Centerline (Pitch): **36 mm [ 1.417 in ]**

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

[All HVP HD1000 90 deg \(90\)](#)

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

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	1000 V
Operating Voltage	1000 VAC

Body Features

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

Mating Pin Diameter	10 mm[.393 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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Connector Mounting Type	Panel Mount
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Mating Alignment	With
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PCB Mount Retention	Without
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Housing Features

Centerline (Pitch)	36 mm[1.417 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

Degree of Protection	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	
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Current ECHA Candidate List: JUNE 2024 (241)  
Candidate List Declared Against: JUNE 2024 (241)  
SVHC > Threshold:  
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	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 # CAT-AQ4-HFFTH1000  
Housing for Female Terminals HVP-HD 1000




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


Also in the Series | PowerTube HVP-HD 1000




Automotive Connector EMC Shielding (4)



Automotive Housings(24)



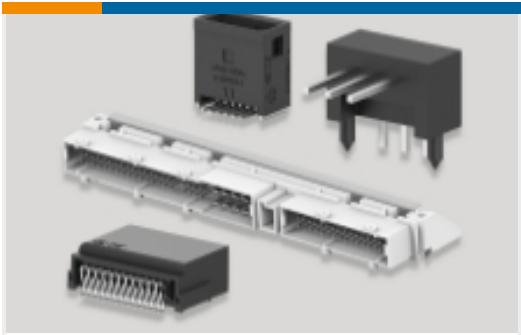
Automotive Terminals(6)



Connector Seals & Cavity Plugs(5)



Other Automotive Connector Accessories(29)



PCB Headers & Receptacles(180)

Customers Also Bought



TE Part #1-2394061-1  
HEADER 180D,ASSY.2POS,BACK SIDE, CODE AB



TE Part #2-1718643-1  
2POS, MCON 1.2 LL REC SEALED



TE Part #1563126-1  
2. LOCK,10 POS MALE HOUSING



TE Part #2301238-1  
DTB PLUG HSG ASSY, 49POSN., FAKRA TYPE



TE Part #2328074-1  
8MM HV,TERMINAL,HEX CRIMP, 180DEG,35 SQMM



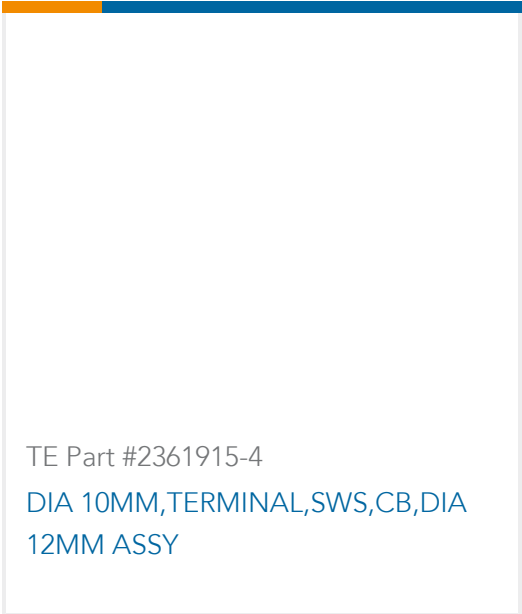
TE Part #2343612-2  
SHIELDING SLEEVE,90DEG



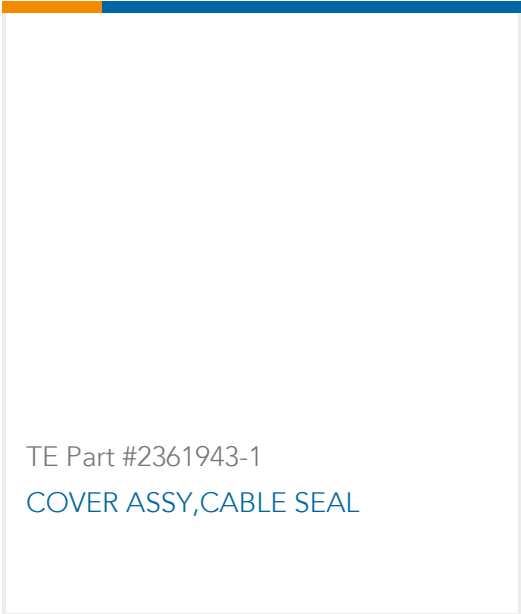
TE Part #2344525-1  
2POS,21MM,UPPER HSG,90 DEG,ASSY



TE Part #2344532-1  
GASKET RING



TE Part #2361915-4  
DIA 10MM,TERMINAL,SWS,CB,DIA 12MM ASSY



TE Part #2361943-1  
COVER ASSY,CABLE SEAL

Documents

Product Drawings

2POS,HVP1000,ASSY,90DEG,COD A/B

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-2394071-1\_B.3d\_igs.zip

1-2394071-1

Bus Bar-to-Wire, 2 Position, 36 mm [1.417 in] Centerline, Fully Shrouded, Silver (Ag),  
Through Hole - Screw, Sealable, Power, PowerTube HVP-HD 1000



English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2394071-1\\_B.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2394071-1\\_B.2d\\_dxf.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