

1-2394071-1 ✓ ACTIVE

PowerTube | PowerTube HVP-HD 1000

TE Internal #: 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

[View on TE.com >](#)



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



| | |
|-------------------------|-----|
| Connector & Keying Code | A/B |
|-------------------------|-----|

| | |
|-----------------------|----------------|
| Primary Product Color | Black, Natural |
|-----------------------|----------------|

Contact Features

| | |
|---------------------|----------------|
| Mating Pin Diameter | 10 mm[.393 in] |
|---------------------|----------------|

| | |
|--------------------------------------|-------------|
| Contact Mating Area Plating Material | Silver (Ag) |
|--------------------------------------|-------------|

| | |
|--------------|-----|
| Contact Type | Pin |
|--------------|-----|

Termination Features

| | |
|---------------------------|----------------------|
| Termination Method to PCB | Through Hole - Screw |
|---------------------------|----------------------|

Mechanical Attachment

| | |
|-----------------------|--------------|
| Mating Alignment Type | Polarization |
|-----------------------|--------------|

| | |
|-------------------------|-------------|
| Connector Mounting Type | Panel Mount |
|-------------------------|-------------|

| | |
|------------------|------|
| Mating Alignment | With |
|------------------|------|

| | |
|---------------------|---------|
| PCB Mount Retention | Without |
|---------------------|---------|

Housing Features

| | |
|--------------------|-----------------|
| Centerline (Pitch) | 36 mm[1.417 in] |
|--------------------|-----------------|

Usage Conditions

| | |
|-----------------------------|----------------|
| Operating Temperature (Max) | 140 °C[284 °F] |
|-----------------------------|----------------|

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 140 °C[-40 – 284 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

| | |
|----------------------|--------|
| Degree of Protection | IP6K9K |
|----------------------|--------|

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

| | |
|------------------|-----------|
| Packaging Method | Container |
|------------------|-----------|

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: 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)



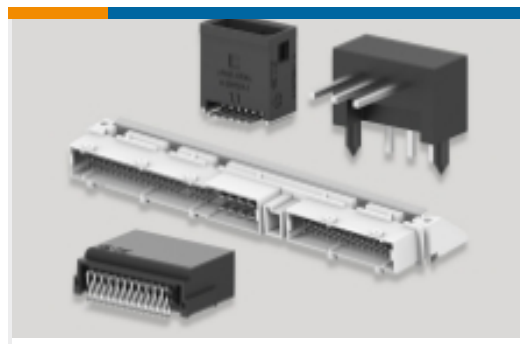
Automotive Terminals(6)



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 #2394112-3
H&S 70mm, Cable clip



TE Part #1-2403751-2
CU ALLOY, OUTER FERRULE, 50MM2 SN PLATED



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



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



TE Part #2343612-2
SHIELDING SLEEVE, 90DEG



TE Part #2383445-3
DIA 10MM, TERMINAL, FAM SLD /UNSLD, CB



TE Part #2361943-1
COVER ASSY, CABLE SEAL



TE Part #2388815-1
SWS, DIM, CVTY DIA, 12, GEN2 GB DC TERMINAL



TE Part #2390185-1
DIA 6MM, TERMINAL, SWS, CB, TUBE 180

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



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