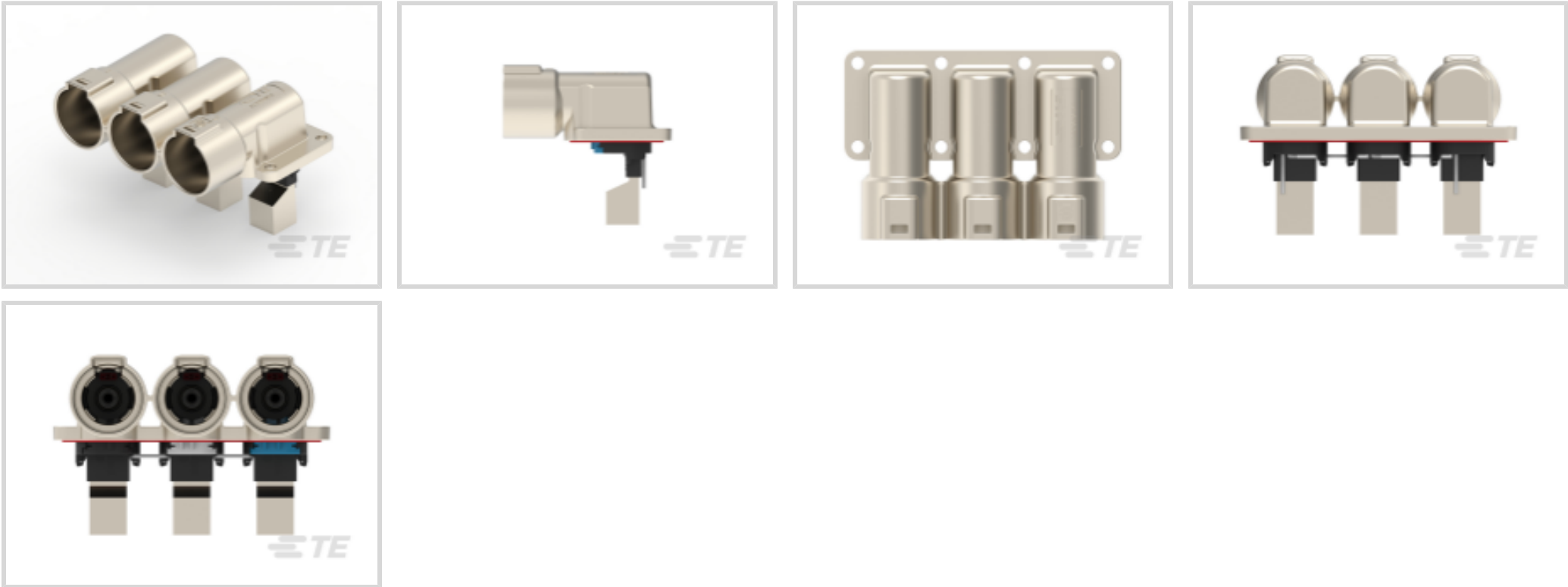




Connectors > PCB Connectors > PCB Headers & Receptacles > PowerTube HVP-HD 1000 90° Headers



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

Number of Positions: **3**

Number of Rows: **1**

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

Header Type: **Header & Push-Push Assembly**

[All PowerTube HVP-HD 1000 90° Headers \(90\)](#)

Features

Electrical Characteristics

|                              |          |
|------------------------------|----------|
| Operating Voltage            | 1000 VDC |
| Nominal Voltage Architecture | 1000 V   |

Industry Standards

|                        |          |
|------------------------|----------|
| IP Rating              | IP6K9K   |
| UL Flammability Rating | UL 94V-0 |

Usage Conditions

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

Mechanical Attachment

|                         |              |
|-------------------------|--------------|
| Mating Alignment Type   | Polarization |
| Connector Mounting Type | Panel Mount  |
| Mating Alignment        | With         |



Body Features

|                         |                      |
|-------------------------|----------------------|
| Connector & Keying Code | A/B/C                |
| Primary Product Color   | Natural, Blue, Black |

Contact Features

|                                      |              |
|--------------------------------------|--------------|
| Mating Pin Diameter                  | 10 mm[.4 in] |
| Contact Mating Area Plating Material | Silver (Ag)  |
| Contact Type                         | Pin          |

Product Type Features

|                                   |                             |
|-----------------------------------|-----------------------------|
| Connector System                  | Bus Bar-to-Wire             |
| Header Type                       | Header & Push-Push Assembly |
| Sealable                          | Yes                         |
| Connector & Contact Terminates To | Bus Bar                     |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 3 |
| Number of Rows      | 1 |

Termination Features

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

Housing Features

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

Operation/Application

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

Packaging Features

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

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>SVHC > Threshold:<br>Octamethylcyclotetrasiloxane (D4) (10% in Component Part)<br><b>Article Safe Usage Statements:</b><br>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 # 2407806-1  
COVER, SHIPPING CAP FOR HD1000  
HEADER



TE Part # CAT-AQ4-HFFTH1000  
PowerTube HVP-HD 1000 Plug Pre-  
Assemblies

Also in the Series | PowerTube HVP-HD 1000



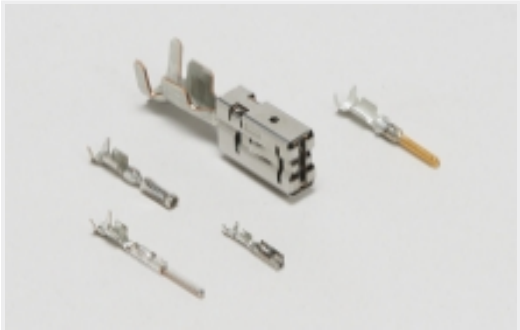
Automotive Connector EMC Shielding  
(4)



Automotive Headers(183)



Automotive Housings(27)



Automotive Terminals(6)



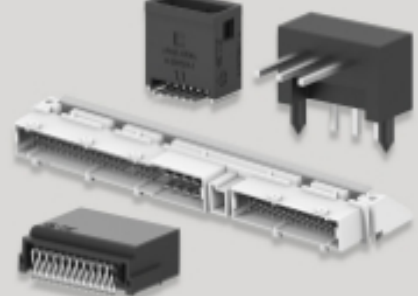




Connector Seals & Cavity Plugs(5)



Other Automotive Connector Accessories(29)



PCB Headers & Receptacles(183)

Customers Also Bought



TE Part #1-1703808-1  
4POS,TAB 2.8X0.8,TAB HSG,ASSY,



TE Part #1670720-6  
SLIDE,TAB HSG GROUP C



TE Part #350550-7  
UMNL SOK 20-14 AU/BR L/P



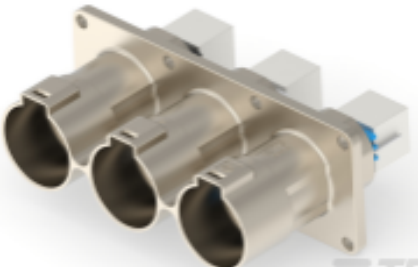
TE Part #350218-2  
UMNL PIN 20-14 .0126AUBR



TE Part #2394071-1  
HEADER 90D,ASSY.2POS,FRONT SIDE,CODE AB



TE Part #2394114-3  
Plug TPA Code C



TE Part #2399608-1  
3POS,HVP1400,ASSY,180DEG,COD A /B/C



TE Part #2407804-1  
COVER,SHIPPING CAP FOR HD1400 HEADR



TE Part #2445665-1  
3POS,PIN DIA 14.0,HDR ASSY,180DEG

TE Part #825605-000  
101A041-25/225-0

Documents

Product Drawings  
3POS,HVP1000,ASSY,90DEG,COD A/B/C  
English

CAD Files  
Customer View Model  
ENG\_CVM\_CVM\_2-2394072-1\_C.2d\_dxf.zip  
English  
Customer View Model



[ENG\\_CVM\\_CVM\\_2-2394072-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2394072-1\\_C.3d\\_stp.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