# 2394085-4 ✔ ACTIVE

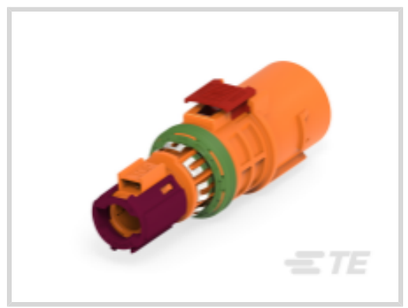
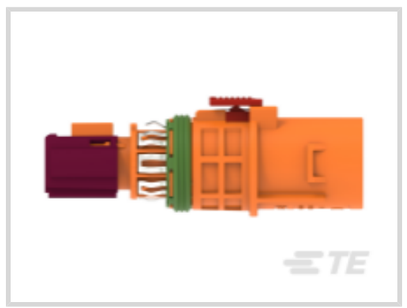
PowerTube | PowerTube HVP-HD 1000

TE Internal #: 2394085-4

Housing for Female Terminals, Wire-to-Panel, 1 Position, Sealable, Orange, Wire & Cable, Power, Cable Mount (Free-Hanging), PowerTube HVP-HD 1000

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings > Housing for Female Terminals HVP-HD 1000




Connector System: **Wire-to-Panel**

Number of Positions: **1**

Connector & Housing Type: **Housing for Female Terminals**

Sealable: **Yes**

Mating Pin Diameter: **10 mm [ .4 in ]**

All Housing for Female Terminals HVP-HD 1000 (24)

## Features

### Product Type Features

| | |
|---|---|
| Mixed & Hybrid Connector | Yes |
| Connector System | Wire-to-Panel |
| Connector & Housing Type | Housing for Female Terminals |
| Sealable | Yes |
| Connector & Contact Terminates To | Wire & Cable |
| Primary Locking Feature | Integrated in Housing |

### Configuration Features

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

### Electrical Characteristics

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

## Body Features

| | |
|---|---|
| Cable Exit Angle | 180° |
| Primary Product Color | Orange |
| Connector & Keying Code | D |

## Contact Features

| | |
|---|---|
| Contact Size | 10mm |
| Contact Type | Socket |
| Mating Pin Diameter | 10 mm[.4 in] |

## Mechanical Attachment

| | |
|---|---|
| Terminal Position Assurance | Yes |
| Strain Relief | With |
| Mating Alignment Type | Polarization |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

## Housing Features

| | |
|---|---|
| Housing Material | PA GF |

## 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 | IPX9K |
| UL Flammability Rating | UL 94V-0 |

## Other

| | |
|---|---|
| Serviceable | Yes |
| Connector Position Assurance Capable | Yes |

# 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) (.3% in Component Part)<br>Dodecamethylcyclohexasiloxane (D6) (.3% in Component Part)<br>Decamethylcyclopentasiloxane (D5) (.3% in Component Part)<br>**Article Safe Usage Statements:**<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 | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| 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



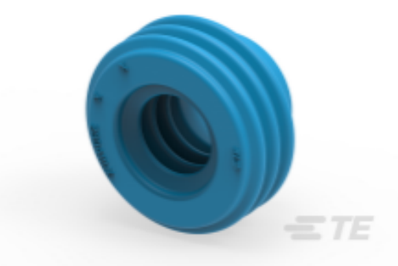

TE Part # CAT-AQ4-PHA1000
Power Tube HVP-HD 1000 Accessories



TE Part # 2383445-2
DIA 10MM,TERMINAL,FAM SLD /UNSLD,CB



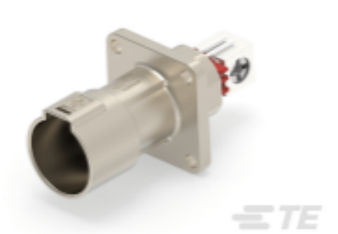
TE Part # 2383445-3
DIA 10MM,TERMINAL,FAM SLD /UNSLD,CB



TE Part # 2394111-1
H&S 35mm, SWS



TE Part # 2383445-1
DIA 10MM,TERMINAL,FAM SLD /UNSLD,CB



TE Part # CAT-AQ4-HHD1000180
HVP HD1000 180 deg



TE Part # CAT-AQ4-HHD100090
HVP HD1000 90 deg



TE Part # 2383445-4
DIA 10MM,TERMINAL,FAM SLD /UNSLD,CB



TE Part # 2383445-5
DIA 10MM,TERMINAL,FAM SLD /UNSLD,CB



TE Part # 2383445-6
DIA 10MM,TERMINAL,FAM SLD /UNSLD,CB



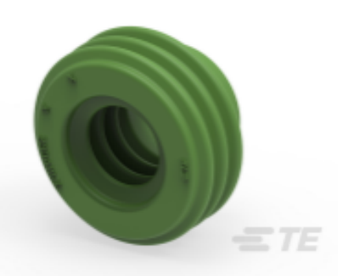
TE Part # 2394060-1
1POS,PIN DIA 10.0,HDR ASSY, 180DEG,UNSEAL



TE Part # 2394060-2
1POS,PIN DIA 10.0,HDR ASSY, 180DEG,UNSEAL



TE Part # 2394060-3
1POS,PIN DIA 10,HDR ASS,180D, UNSEAL,K/C



TE Part # 2394111-2
H&S 50mm, SWS



TE Part # 2394111-3
H&S 70mm, SWS



TE Part # 2410635-1
CU ALLOY,OUTER FERRULE



TE Part # 2410636-1
CU ALLOY, INNER FERRULE, 35SQ



TE Part # 2410636-2
CU ALLOY, INNER FERRULE, 50SQ



TE Part # 2410636-3
CU ALLOY, INNER FERRULE, 70SQ

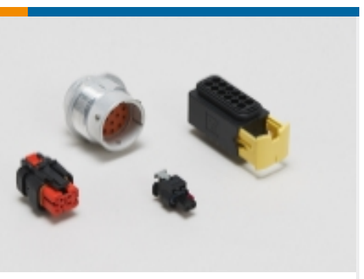


TE Part # 2482835-1
HD1000 2PIN 180DEG BA CODE NO HVIL BACK

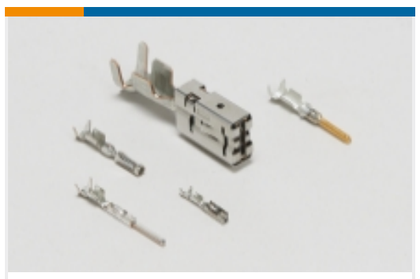
## Also in the Series | PowerTube HVP-HD 1000



Automotive Connector EMC Shielding (4)



Automotive Housings(24)



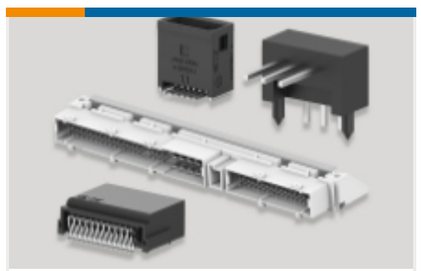
Automotive Terminals(6)



Connector Seals & Cavity Plugs(5)



Other Automotive Connector Accessories(29)



PCB Headers & Receptacles(180)

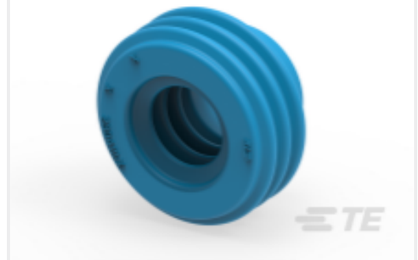
## Customers Also Bought



TE Part #2383853-2
Power Tube HVP-HD 1000 Accessories



TE Part #2383445-2
DIA 10MM,TERMINAL,FAM SLD /UNSLD,CB



TE Part #2394111-1
H&S 35mm, SWS



TE Part #2394085-3
Housing for Female Terminals HVP-HD 1000

## Documents

### Product Drawings

Pre-ASSY,Finger Access,Code D

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2394085-4_A1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2394085-4_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2394085-4_A1.3d_igs.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Product Specifications

Application Specification

English

Application Specification

English

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Global Electronic Components Distributor

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## TE Connectivity:

3631B101LL 650075-000 RH73H2A40MKTN 1743455-2 2310537-1 2834055-1 SBCHE64R7K TE50BR39J 1969656-1 CPF0402B37K4E1 SMW73R0JT U5254-000005-030PA 1-794222-0 141991-2 1903112-2 2377783-2 2380312-2 917696-1 SBCHE154R7K MPT100C18RF 1393431-1 175977-2 3-1393225-0 936348-1 CRGCQ2010J3K3 2-292161-3 3430B2F51RTDF ROX05SJ18R 1-962915-1 2005330-1