

2394085-4 ✓ ACTIVE

PowerTube | PowerTube HVP-HD 1000

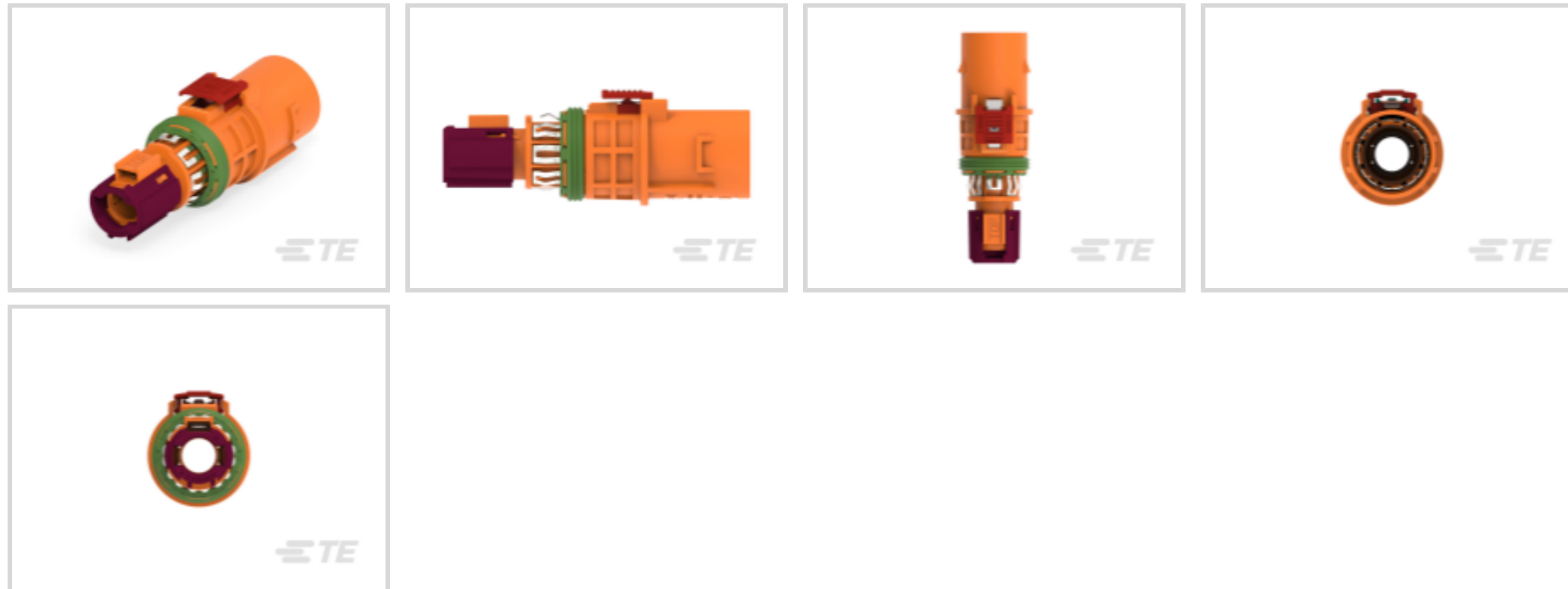
TE Internal #: 2394085-4

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

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Connectors > Automotive Connectors > Automotive Housings > PowerTube HVP-HD 1000 Plug Pre-Assemblies



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 PowerTube HVP-HD 1000 Plug Pre-Assemblies \(24\)](#)

## Features

### Product Type Features

|                                   |                              |
|-----------------------------------|------------------------------|
| 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        |
| Mixed & Hybrid Connector          | Yes                          |

### Configuration Features

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

### Contact Features

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



|              |        |
|--------------|--------|
| Contact Type | Socket |
|--------------|--------|

### Body Features

|                       |        |
|-----------------------|--------|
| Primary Product Color | Orange |
|-----------------------|--------|

|                         |   |
|-------------------------|---|
| Connector & Keying Code | D |
|-------------------------|---|

|                  |      |
|------------------|------|
| Cable Exit Angle | 180° |
|------------------|------|

### Operation/Application

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

### Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

|               |      |
|---------------|------|
| Strain Relief | With |
|---------------|------|

|                             |     |
|-----------------------------|-----|
| Terminal Position Assurance | Yes |
|-----------------------------|-----|

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

### Usage Conditions

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

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

### Electrical Characteristics

|                              |        |
|------------------------------|--------|
| Nominal Voltage Architecture | 1000 V |
|------------------------------|--------|

|                   |          |
|-------------------|----------|
| Operating Voltage | 1000 VDC |
|-------------------|----------|

### Other

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

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

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

|             |     |
|-------------|-----|
| Serviceable | Yes |
|-------------|-----|

### Housing Features

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

### Industry Standards

|           |       |
|-----------|-------|
| IP Rating | IPX9K |
|-----------|-------|

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

### 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        | <p>Current ECHA Candidate List: JUNE 2024 (241)</p> <p>Candidate List Declared Against: JUNE 2024 (241)</p> <p>SVHC &gt; Threshold:</p> <p>Octamethylcyclotetrasiloxane (D4) (.3% in Component Part)</p> <p>Dodecamethylcyclohexasiloxane (D6) (.3% in Component Part)</p> <p>Decamethylcyclopentasiloxane (D5) (.3% in Component Part)</p> <p><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.</p> |
| 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  
PowerTube HVP-HD 1000 Accessories and Plug Components



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



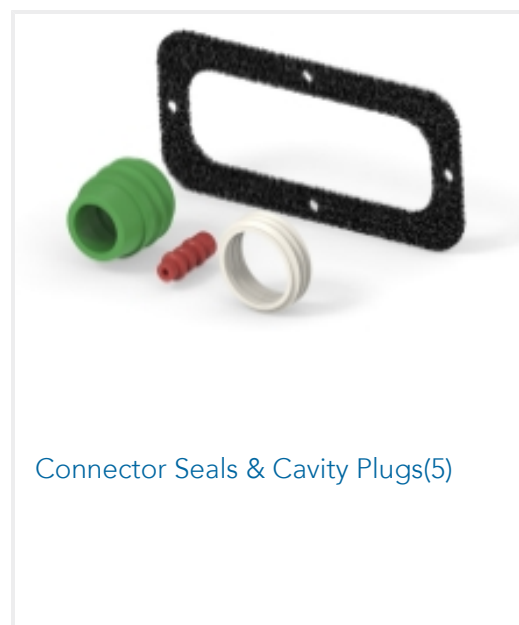
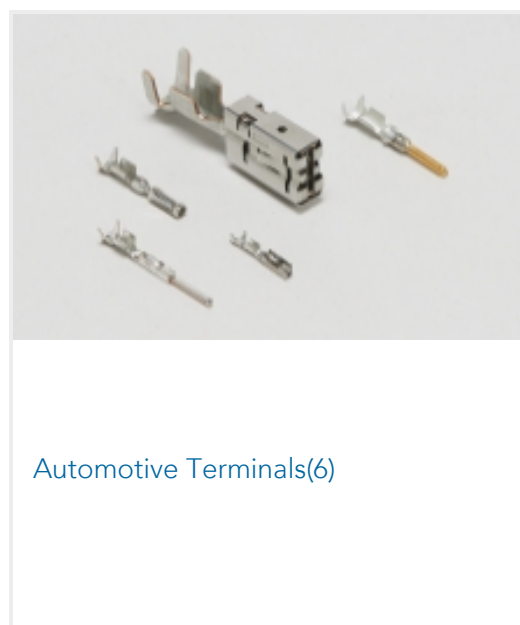
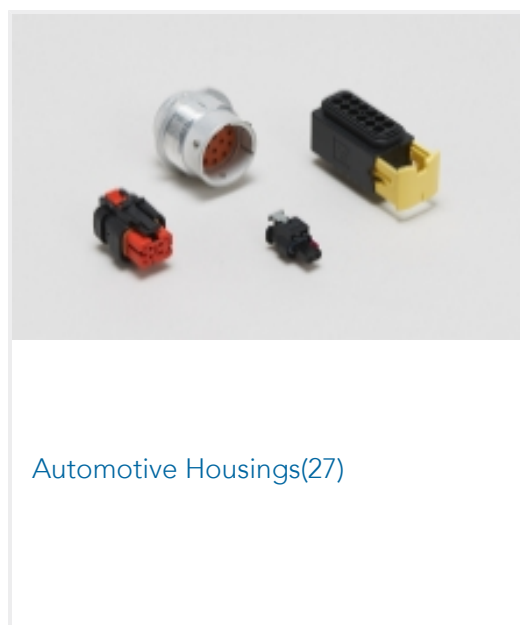
TE Part # 2394111-1  
H&S 35mm, SWS

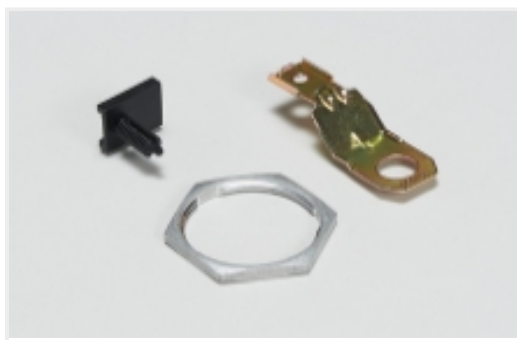
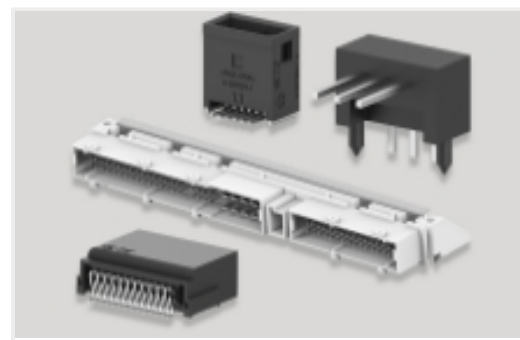


TE Part # 2383445-1  
DIA 10MM,TERMINAL,FAM SLD /UNSLD,CB



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



Other Automotive Connector  
Accessories(29)

PCB Headers &amp; Receptacles(183)

## Customers Also Bought

TE Part #2395861-1  
PowerTube HVP-HD 1000 Accessories  
and Plug ComponentsTE Part #2394111-1  
H&S 35mm, SWSTE Part #2394085-3  
PowerTube HVP-HD 1000 Plug Pre-  
Assemblies

## 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.

### Datasheets & Catalog Pages

[HIVONEX CONNECTORS & CHARGING SOLUTIONS](#)

English

### Product Specifications

[Application Specification](#)

English

[Application Specification](#)

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English