

2399609-1 ✓ ACTIVE

PowerTube | PowerTube HVP-HD 1400

TE Internal #: 2399609-1

PCB Mount Header, Bus Bar-to-Wire, 1 Position, Header & Push-Push Assembly, Silver, Through Hole - Screw, Sealable, PowerTube HVP-HD 1400

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Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: **1**

Number of Rows: **1**

Termination Method to Printed Circuit Board: **Through Hole - Screw**

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

## Features

### Product Type Features

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

### Configuration Features

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

### Electrical Characteristics

|                   |          |
|-------------------|----------|
| Operating Voltage | 1000 VAC |
|-------------------|----------|

### Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

### Contact Features

|  |  |
|--|--|
|  |  |
|--|--|



|                                      |               |
|--------------------------------------|---------------|
| Mating Pin Diameter                  | 14 mm[.55 in] |
| Contact Mating Area Plating Material | Silver        |
| Contact Type                         | Pin           |
| Contact Current Rating (Max)         | 500 A         |

### Termination Features

|   |                      |
|---|----------------------|
| Termination Method to Printed Circuit Board | Through Hole - Screw |
|---|----------------------|

### Mechanical Attachment

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

### Usage Conditions

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

### Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

### Industry Standards

|                        |          |
|------------------------|----------|
| Degree of Protection   | IPX9K    |
| UL Flammability Rating | UL 94V-0 |

## Product Compliance

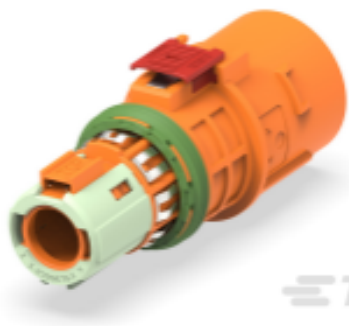
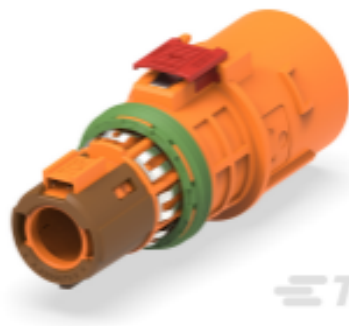

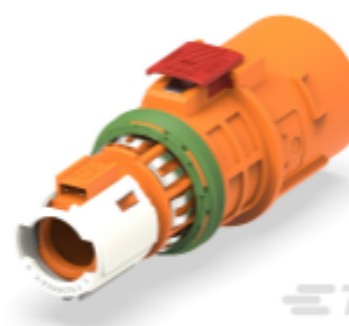
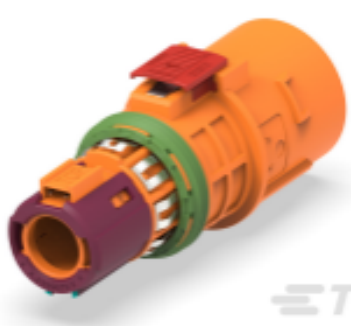





[For compliance documentation, visit the product page on TE.com>](#)

|   |   |
|---|---|
| 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        | Current ECHA Candidate List: JUNE 2023 (235)<br>Candidate List Declared Against: JAN 2023 (233)<br>SVHC > Threshold:<br>Dodecamethylcyclohexasiloxane (D6) (.11% in Component Part)<br>Decamethylcyclopentasiloxane (D5) (.11% 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

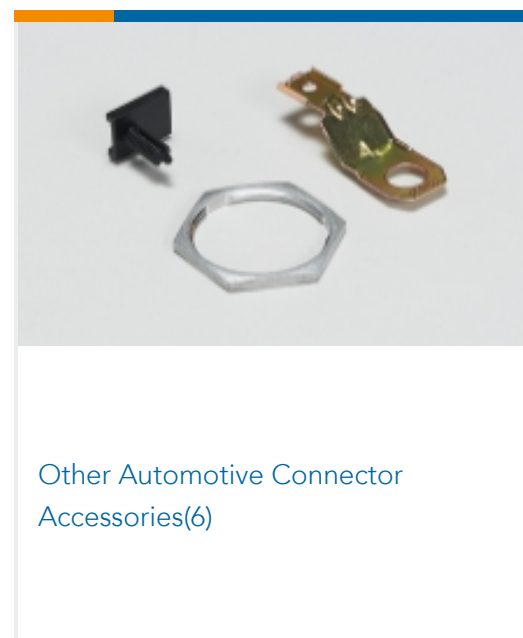
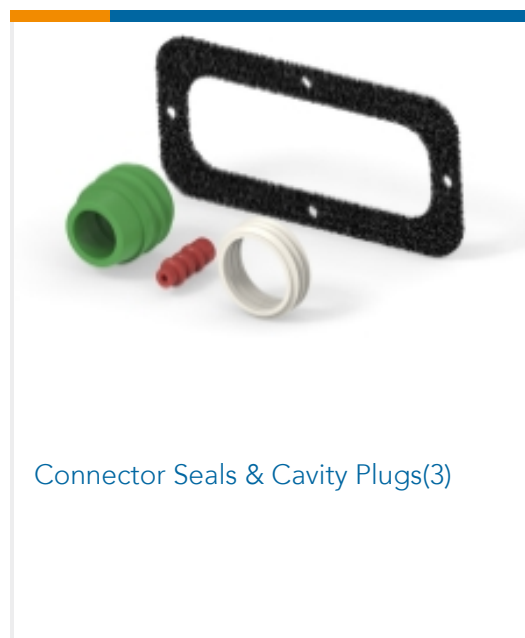
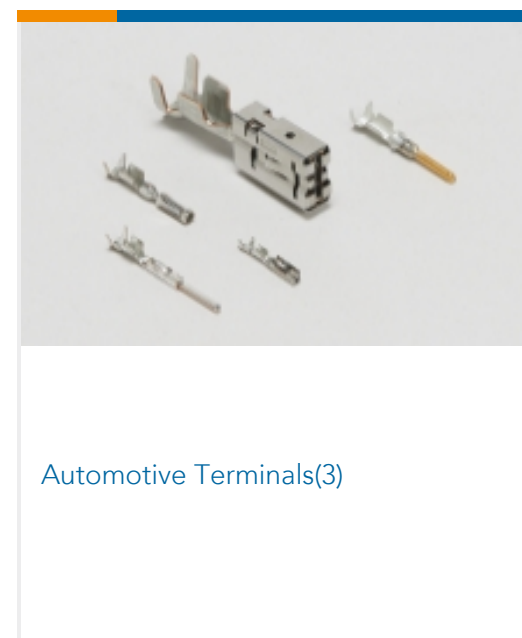
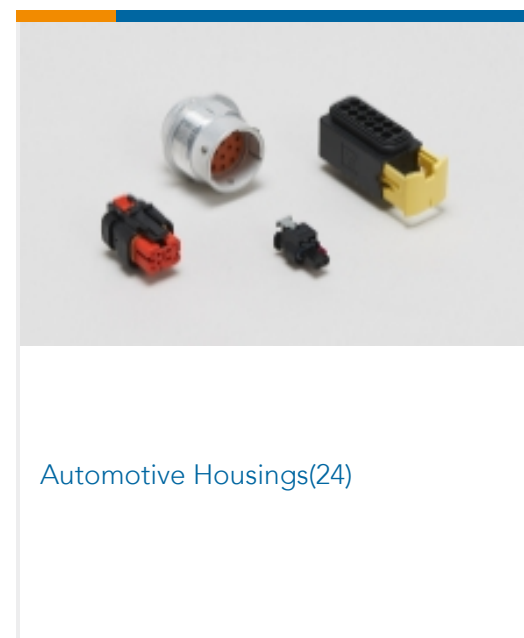
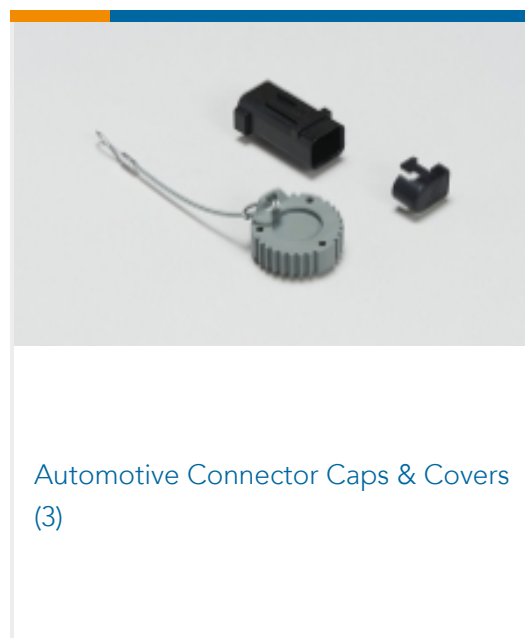
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

|  |  |  |  |
|--|--|--|--|
|  <p>TE Part # 1-2399663-1<br/>Pre-ASSY,Finger Access,Code K</p> |  <p>TE Part # 1-2399663-2<br/>Pre-ASSY,Finger Access,Code L</p> |  <p>TE Part # 1-2399663-3<br/>Pre-ASSY,Finger Access,Code M</p> |  <p>TE Part # 2-2399663-1<br/>Pre-ASSY,Tool Access,Code A</p> |
|  <p>TE Part # 2-2399663-2<br/>Pre-ASSY,Tool Access,Code B</p>   |  <p>TE Part # 2-2399663-3<br/>Pre-ASSY,Tool Access,Code C</p>   |  <p>TE Part # 2-2399663-4<br/>Pre-ASSY,Tool Access,Code D</p>   |  <p>TE Part # 2-2399663-5<br/>Pre-ASSY,Tool Access,Code E</p> |
|  <p>TE Part # 2-2399663-6<br/>Pre-ASSY,Tool Access,Code F</p>   |  <p>TE Part # 2-2399663-7<br/>Pre-ASSY,Tool Access,Code G</p>   |  <p>TE Part # 2-2399663-8<br/>Pre-ASSY,Tool Access,Code H</p>   |  <p>TE Part # 2-2399663-9<br/>Pre-ASSY,Tool Access,Code J</p> |



### Also in the Series | PowerTube HVP-HD 1400



### Customers Also Bought





## Documents

### Product Drawings

1POS,HVP1400,ASSY,90DEG,COD A

English

### CAD Files

Customer View Model

ENG\_CVM\_CVM\_2399609-1\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2399609-1\_B.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_2399609-1\_B.2d\_dxf.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