

2383445-1 ✓ ACTIVE

PowerTube | PowerTube HVP-HD 1000

TE Internal #: 2383445-1

Socket Terminal, Silver (Ag), 10 mm [.393 in] Pin Diameter,
Terminates To Wire, -40 – 150 °C [-40 – 302 °F], PowerTube HVP-
HD 1000

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Automotive Parts > Automotive Terminals



Terminal Type: **Socket**

Interface Plating: **Silver (Ag)**

Primary Locking Feature: **Clean Body**

Sealable: **No**

Mating Pin Diameter: **10 mm [.393 in]**

Features

Product Type Features

| | |
|-------------------------|------------|
| Receptacle Style | 180° |
| Primary Locking Feature | Clean Body |
| Sealable | No |

Contact Features

| | |
|---------------------|-----------------|
| Crimp Type | W-Crimp |
| Terminal Type | Socket |
| Interface Plating | Silver (Ag) |
| Mating Pin Diameter | 10 mm [.393 in] |

Termination Features

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|-----------------------|------|
| Product Terminates To | Wire |
|-----------------------|------|

Dimensions

| | |
|------------------|--------------------|
| Wire Size Search | 35 mm ² |
|------------------|--------------------|

Usage Conditions

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



| | |
|-----------------------------|----------------------------|
| Operating Temperature (Max) | 150 °C[302 °F] |
| Operating Temperature Range | -40 – 150 °C[-40 – 302 °F] |

Operation/Application

| | |
|------------------------------------|--------|
| Compatible With Wire Base Material | Copper |
|------------------------------------|--------|

Packaging Features

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|------------------|------|
| Packaging Method | Tray |
|------------------|------|

Other

| | |
|--------------------|--------------------------|
| Terminal Transmits | 100+ A (Very High Power) |
|--------------------|--------------------------|

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 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not reviewed for solder process capability |

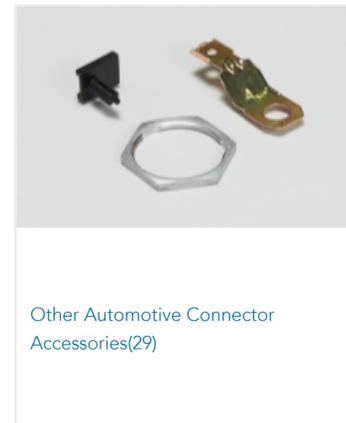
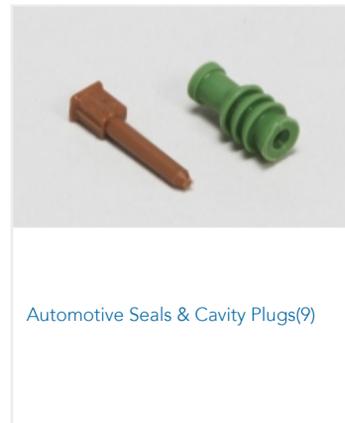
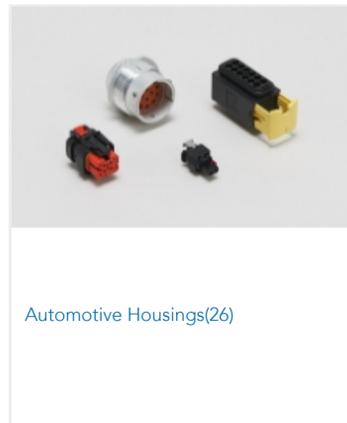
Product Compliance Disclaimer

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



Also in the Series | PowerTube HVP-HD 1000



Customers Also Bought



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2383445-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2383445-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2383445-1_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages



HIVONEX CONNECTORS & CHARGING SOLUTIONS

English

Product Specifications

Application Specification

English