

2383445-3 ✓ ACTIVE

PowerTube | PowerTube HVP-HD 1000

TE Internal #: 2383445-3

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

[View on TE.com >](#)



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

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

Dimensions

Wire Size Search	70 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
------------------------------------	--------

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	有害物质含量符合标准要求 No Restricted Substance(s) 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



TE Part # 7-2383670-7
CRIMP TOOLING KIT



TE Part # 2383670-1
DIE SET HD1000 T 70MM2

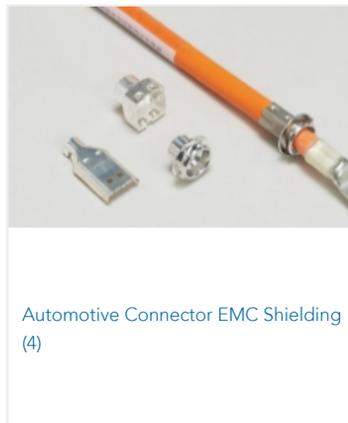


TE Part # 9-2383670-1
HV APPLICATOR
REPRESENTATION ONLY. DIE SET MAY VARY.

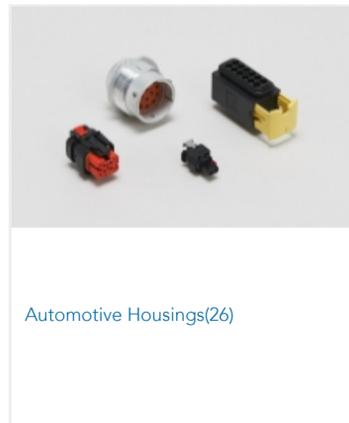


TE Part # CAT-AQ4-HFFTH1000
PowerTube HVP-HD 1000 Plug Pre-Assemblies

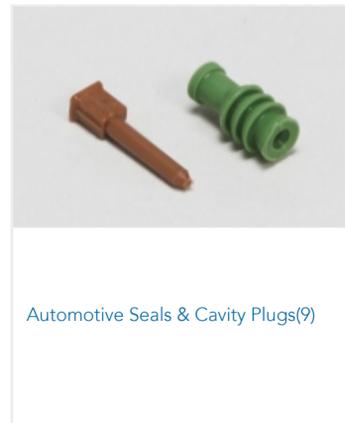
Also in the Series | PowerTube HVP-HD 1000



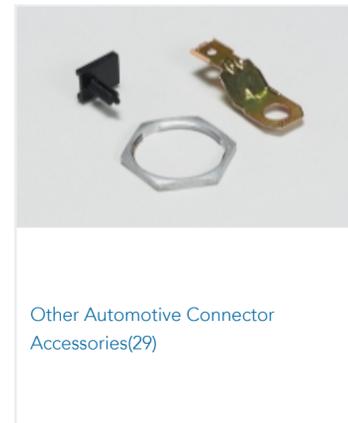
Automotive Connector EMC Shielding
(4)



Automotive Housings(26)



Automotive Seals & Cavity Plugs(9)



Other Automotive Connector
Accessories(29)

Customers Also Bought



TE Part #7-1415010-9
V23134J0165X517-EV-CBOX



TE Part #CAT-AQ4-PHA1000
PowerTube HVP-HD 1000 Accessories
and Plug Components



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



TE Part #2141156-1
SWS,8MM HV,WHT,50 SQMM



TE Part #1-2177053-1
2POS,8MM HV,PLUG HSG,ASSY,
SEALED



TE Part #2177059-1
PROTECTION CAP,180DEG

Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_2383445-3_A.2d_dxf.zip](#)

English



Customer View Model

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

English

Customer View Model

[ENG_CVM_CVM_2383445-3_A.3d_stp.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