

2383445-1 ✓ ACTIVE

PowerTube | PowerTube HVP-HD 1000

TE Internal #: 2383445-1

Automotive Terminals, Socket, Pin Diameter 10 mm [.393 in], 2 AWG Wire Size, 35 mm² Wire Size, Silver (Ag) Interface Plating, PowerTube HVP-HD 1000

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Terminals & Splices > Automotive Terminals



Terminal Type: **Socket**

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

Terminal Transmits: **100+ A (Very High Power)**

Wire Size: **35 mm²**

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

Contact Features

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

Termination Features

Product Terminates To	Wire
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Dimensions

Wire Size	35 mm ²
Wire Size Search	2 AWG

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material Copper

Packaging Features

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: JAN 2024 (240) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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



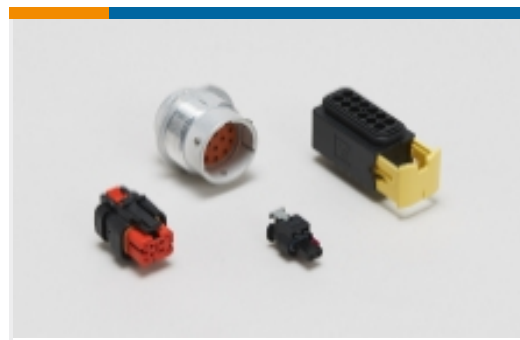
Also in the Series | **PowerTube HVP-HD 1000**



Automotive Connector Caps & Covers (5)



Automotive Connector EMC Shielding (10)



Automotive Housings(24)



Automotive Terminals(6)



Connector Seals & Cavity Plugs(3)



Other Automotive Connector Accessories(6)



PCB Headers & Receptacles(180)

Customers Also Bought



TE Part # 2309644-1
MQS, CONNECTOR HOUSING



TE Part # 2371243-1
CU ALLOY, OUTER FERRULE, ICT CVE



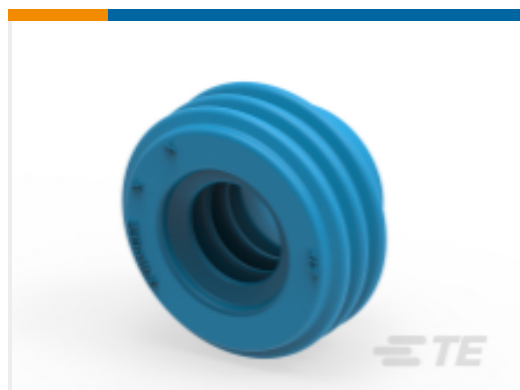
TE Part # 1-2301461-4
30POS, HYBRID, TAB HSG ASSY, SLD, COD B



TE Part # 2-1718806-1
5POS, MCON 1.2 LL REC SEALED COD B



TE Part # 2383853-6
H&S 35mm, Shield Sleeve



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



TE Part # 2394113-1
H&S 35mm, Cable cover



TE Part # 2394085-1
Pre-ASSY, Finger Access, Code A



TE Part # 2394112-1
H&S 35mm, Cable clip

Documents



Product Drawings

[DIA 10MM,TERMINAL,FAM SLD/UNSLD,CB](#)

English

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

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