1-2394061-1 ✔ ACTIVE

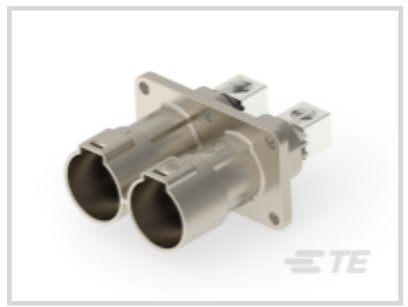
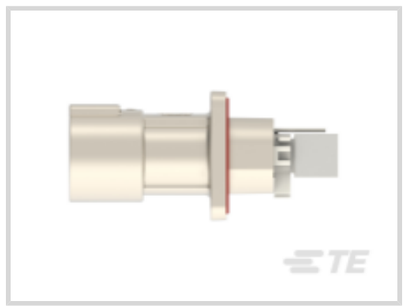
PowerTube | PowerTube HVP-HD 1000

TE Internal #: 1-2394061-1

Bus Bar-to-Wire, 2 Position, 36 mm [1.417 in] Centerline, Fully Shrouded, Silver (Ag), Through Hole - Screw, Sealable, Power, PowerTube HVP-HD 1000

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles > HVP HD1000 180 deg




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

Number of Positions: **2**

Number of Rows: **1**

Centerline (Pitch): **36 mm [1.417 in]**

Termination Method to PCB: **Through Hole - Screw**

All HVP HD1000 180 deg (87)

Features

Product Type Features

Connector Shape	Circular
Connector System	Bus Bar-to-Wire
Header Type	Fully Shrouded
Sealable	Yes
Connector & Contact Terminates To	Bus Bar

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	1000 V
Operating Voltage	1000 VAC

Body Features

Connector & Keying Code	AB
Primary Product Color	Black, Natural

Contact Features

Mating Pin Diameter	10 mm[.393 in]
Contact Mating Area Plating Material	Silver (Ag)
Contact Type	Pin

Termination Features

Termination Method to PCB	Through Hole - Screw

Mechanical Attachment

Mating Alignment Type	Polarization
Connector Mounting Type	Panel Mount
Mating Alignment	With
PCB Mount Retention	Without

Housing Features

Centerline (Pitch)	36 mm[1.417 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

Degree of Protection	IP6K9K
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Container

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (10% in Component Part) **Article Safe Usage Statements:** 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	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-HFFTH1000
Housing for Female Terminals HVP-HD 1000



TE Part # 2407806-1
COVER,SHIPPING CAP FOR HD1000 HEADER

Also in the Series | PowerTube HVP-HD 1000



Automotive Connector EMC Shielding (4)



Automotive Housings(24)



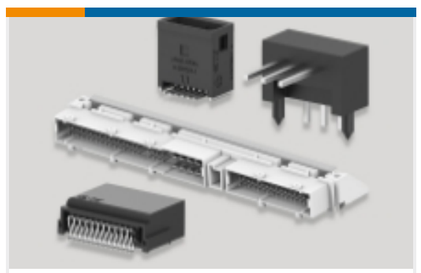
Automotive Terminals(6)



Connector Seals & Cavity Plugs(5)



Other Automotive Connector Accessories(29)

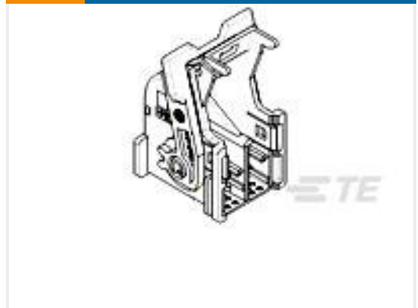


PCB Headers & Receptacles(180)

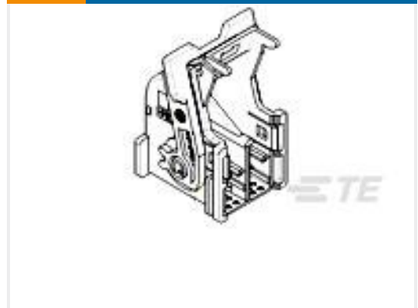
Customers Also Bought



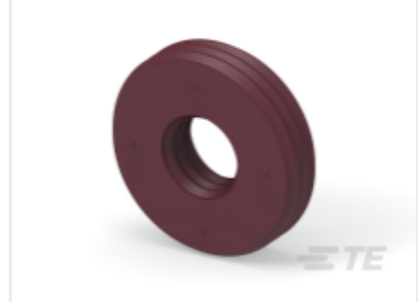
TE Part #2394113-3
Power Tube HVP-HD 1000 Accessories



TE Part #953122-3
40W MQS COVER ASSY (15D)



TE Part #953122-4
40W MQS COVER ASSY (15d)



TE Part #2392556-2
SWS,DIA 4MM,ICT CVE



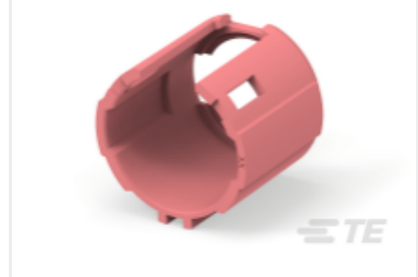
TE Part #2392558-2
SOC CONN CVR,3POS,DIA 4MM,ICT CVE



TE Part #1-1564532-1
15POS, MIXED,TAB HSG,ASSY



TE Part #1-2394071-1
2POS,HVP1000,ASSY,90DEG,COD A/B



TE Part #1-2399679-3
Plug TPA Code M



TE Part #2112045-3
SLIDE,FOR 26POS TAB HSG

Documents

Product Drawings

HEADER 180D,ASSY.2POS,BACK SIDE,CODE AB

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2394061-1_B.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1-2394061-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2394061-1_B.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

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TE Connectivity:

2-292161-3 2005330-1 2310537-1 3-1393225-0 ROX05SJ18R 1-962915-1 2380312-2 1743455-2
936348-1 U5254-000005-030PA 3430B2F51RTDF 650075-000 SMW73R0JT TE50BR39J 1903112-2
1-794222-0 141991-2 1969656-1 3631B101LL 917696-1 2834055-1 CPF0402B37K4E1 CRGCQ2010J3K3
RH73H2A40MKTN SBCHE64R7K 1393431-1 175977-2 2377783-2 MPT100C18RF SBCHE154R7K