



Connectors > Automotive Connectors > Automotive Housings > PowerTube HVP-HD 1400 Plug Pre-Assemblies



Number of Positions: 1
Connector & Housing Type: **Housing for Female Terminals**
Mating Pin Diameter: **14 mm [.55 in]**
Connector System: **Wire-to-Panel**
Sealable: **Yes**

[All PowerTube HVP-HD 1400 Plug Pre-Assemblies \(24\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Panel
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Rows	1

Electrical Characteristics

Operating Voltage	1000 VDC
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Body Features

Cable Exit Angle	180°
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Primary Product Color	Orange
Connector & Keying Code	A

Contact Features

Contact Type	Socket
Mating Pin Diameter	14 mm[.55 in]

Mechanical Attachment

Strain Relief	With
Terminal Position Assurance	Yes
Mating Alignment Type	Polarization
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA GF
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Usage Conditions

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

Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IPX9K
UL Flammability Rating	UL 94V-0

Other

Serviceable	Yes
Connector Position Assurance Capable	Yes

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 2025 (247) Candidate List Declared Against: JAN 2025 (247)



SVHC > Threshold:
Dodecamethylcyclhexasiloxane (D6) (.3%
in Component Part)
Decamethylcyclopentasiloxane (D5) (.3% in
Component Part)
Octamethylcyclotetrasiloxane (D4) (.3% 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.

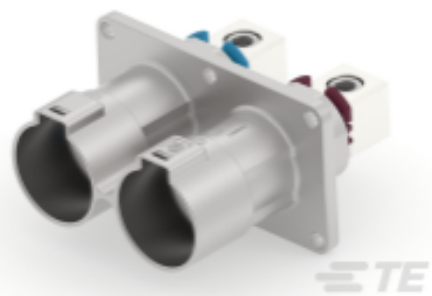
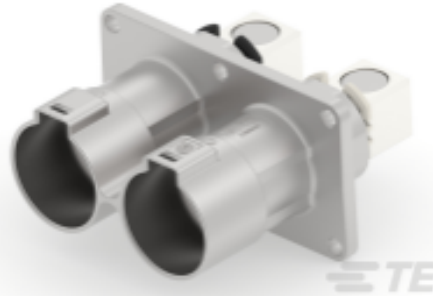
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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Product Compliance Disclaimer

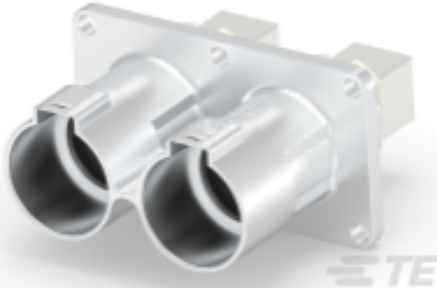
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2488528-1 HD1400 2PIN 180DEG CD CODE NO HVIL BACK	 TE Part # 2399668-4 HS,150MM,CABLE CLIP	 TE Part # 2488527-1 HD1400 2PIN 180DEG AB CODE NO HVIL FRONT	 TE Part # 2399667-4 HS,150MM,SWS
 TE Part # 2399667-3 H&S 120mm, SWS	 TE Part # CAT-AQ4-PHA1400 PowerTube HVP-HD 1400 Accessories and Plug Components	 TE Part # CAT-AQ4-HHD1400180 PowerTube HVP-HD 1400 180° Headers	 TE Part # 2386340-4 DIA 14MM,TERMINAL,FAM SLD /UNSLD,CB



TE Part # 2405341-1
BLIND PLUG BLOCK ASSMBLY,
FINGER UNLOCK.



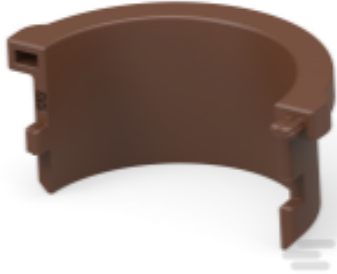
TE Part # 2413971-2
HD1400 2PIN 180DEG BB CODE NO
HVIL TOP



TE Part # 2399667-2
H&S 95mm, SWS



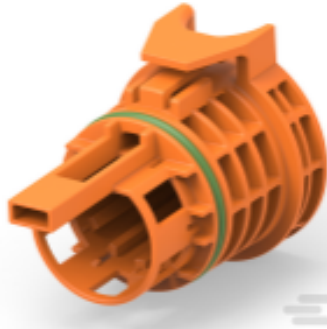
TE Part # 2386340-1
DIA 14MM,TERMINAL,FAM SLD
/UNSLD,CB



TE Part # 2399666-6
HS HIGH FLEX,120MM2,INNER
SPACER



TE Part # 2413971-3
HD1400 2PIN 180DEG AB CODE NO
HVIL TOP



TE Part # 2410841-1
BLIND PLUG BLOCK ASSMBLY,
FINGER UNLOCK.



TE Part # 2472249-1
HD1400 2PIN 90DEG AB CODE NO
HVIL TOP



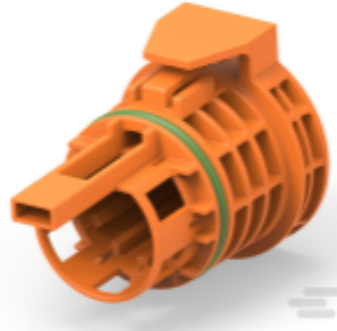
TE Part # 2399667-5
HS HIGH FLEX,95MM2,CABLE SWS



TE Part # 2458887-2
HD1400 2PIN 90DEG DB CODE NO
HVIL BACK



TE Part # 2399667-1
H&S 70mm, SWS

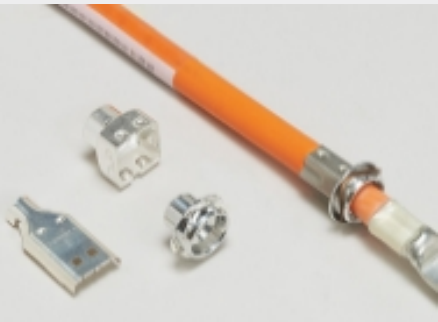


TE Part # 2410841-2
BLIND PLUG BLOCK ASSMBLY,
TOOL UNLOCK.

Also in the Series | PowerTube HVP-HD 1400



Automotive Connector Caps & Covers
(1)



Automotive Connector EMC Shielding
(5)



Automotive Headers(189)



Automotive Housings(28)



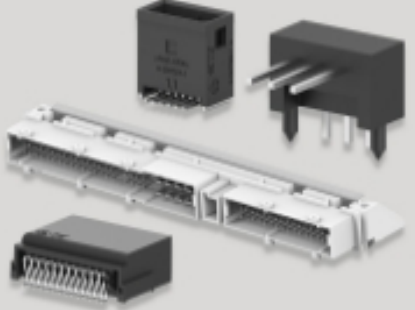
Connector Caps & Covers(1)



Connector Seals & Cavity Plugs(9)



Other Automotive Connector
Accessories(29)



PCB Headers & Receptacles(189)



Rectangular Power Connectors(189)

Customers Also Bought



TE Part #CAT-AQ4-HFFTH1400
PowerTube HVP-HD 1400 Plug Pre-Assemblies



TE Part #CAT-AQ4-PHA1400
PowerTube HVP-HD 1400 Accessories and Plug Components



TE Part #2399667-2
H&S 95mm, SWS



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



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



TE Part #2386340-3
DIA 14MM,TERMINAL,FAM SLD /UNSLD,CB

Documents

Product Drawings

Pre-ASSY,Finger Access,Code A

English

CAD Files

Customer View Model

ENG_CVM_CVM_2399663-1_C.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2399663-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2399663-1_C.3d_igs.zip

English

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Datasheets & Catalog Pages
HIVONEX CONNECTORS & CHARGING SOLUTIONS

English

Product Specifications
Application Specification

English