2399663-5 ✔ ACTIVE

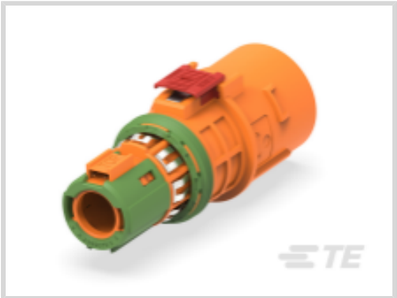
PowerTube | PowerTube HVP-HD 1400

TE Internal #: 2399663-5

Housing for Female Terminals, Wire-to-Panel, 1 Position, Sealable, Orange, Wire & Cable, Power, Cable Mount (Free-Hanging), PowerTube HVP-HD 1400

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Panel**

Number of Positions: **1**

Connector & Housing Type: **Housing for Female Terminals**

Sealable: **Yes**

Mating Pin Diameter: **10 mm [.4 in]**

Features

Product Type Features

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

Configuration Features

Number of Positions	1
Number of Rows	1

Electrical Characteristics

Operating Voltage	1000 VAC
Nominal Voltage Architecture	1000 V

Body Features

Cable Exit Angle	180°

Primary Product Color	Orange
Connector & Keying Code	E

Contact Features

Contact Size	10mm
Contact Type	Socket
Mating Pin Diameter	10 mm[.4 in]

Mechanical Attachment

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

Housing Features

Housing Material	PA GF

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	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 2024 (240)

	Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% 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

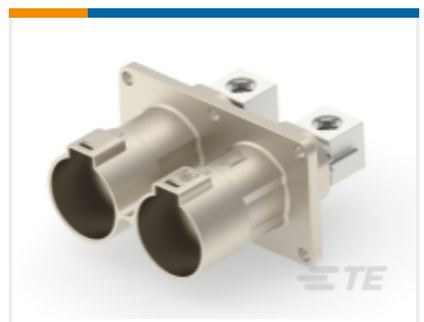
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-2399606-1
1POS,HVP1400,ASSY,180DEG,COD K

TE Part # 1-2399606-2
1POS,HVP1400,ASSY,180DEG,COD L

TE Part # 1-2399606-3
1POS,HVP1400,ASSY,180DEG,COD M



TE Part # 1-2399607-1
2POS,HVP1400,ASSY,180DEG,COD A /B

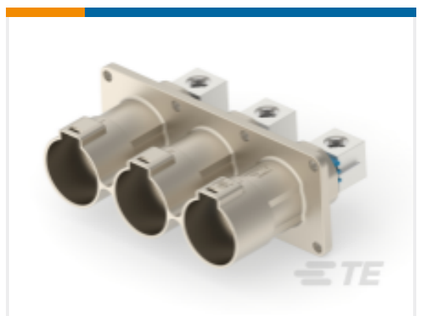
TE Part # 1-2399607-2
2POS,HVP1400,ASSY,180DEG,COD C /D

TE Part # 1-2399607-3
2POS,HVP1400,ASSY,180DEG,COD E /F

TE Part # 1-2399607-4
2POS,HVP1400,ASSY,180DEG,COD G /H

TE Part # 1-2399607-5
2POS,HVP1400,ASSY,180DEG,COD J /K

TE Part # 1-2399607-6
2POS,HVP1400,ASSY,180DEG,COD L /M



TE Part # 1-2399608-1
3POS,HVP1400,ASSY,180DEG,COD A /B/C

TE Part # 1-2399608-2
3POS,HVP1400,ASSY,180DEG,COD D /E/F

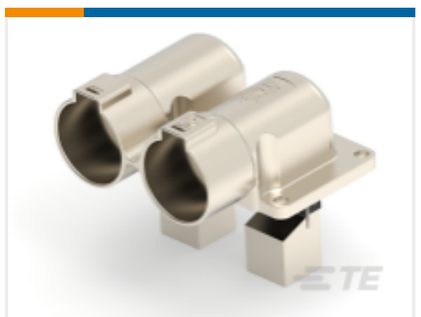
TE Part # 1-2399608-3
3POS,HVP1400,ASSY,180DEG,COD G /H/J

TE Part # 1-2399608-4
3POS,HVP1400,ASSY,180DEG,COD K /L/M

TE Part # 1-2399609-1
1POS,HVP1400,ASSY,90DEG,COD K

TE Part # 1-2399609-2
1POS,HVP1400,ASSY,90DEG,COD L

TE Part # 1-2399609-3
1POS,HVP1400,ASSY,90DEG,COD M



TE Part # 1-2399610-1
2POS,HVP1400,ASSY,90DEG,COD A/B

TE Part # 1-2399610-2
2POS,HVP1400,ASSY,90DEG,COD C/D

TE Part # 1-2399610-3
2POS,HVP1400,ASSY,90DEG,COD E/F

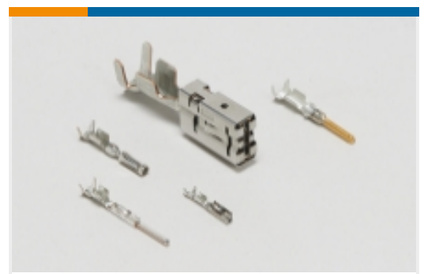
TE Part # 1-2399610-4
2POS,HVP1400,ASSY,90DEG,COD G/H

Also in the Series | PowerTube HVP-HD 1400

Automotive Connector Caps & Covers (5)

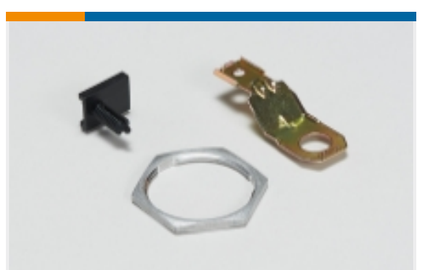
Automotive Connector EMC Shielding (4)

Automotive Housings(25)

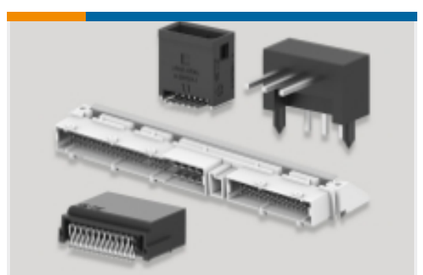


Automotive Terminals(3)

Connector Seals & Cavity Plugs(3)



Other Automotive Connector Accessories(6)



PCB Headers & Receptacles(180)

Customers Also Bought

TE Part # 1-2399663-1
Pre-ASSY,Finger Access,Code K

TE Part # 1-2399663-2
Pre-ASSY,Finger Access,Code L

TE Part # 2386340-2
DIA 14MM,TERMINAL,FAM SLD /UNSLD,CB

TE Part # 2387548-1
CU ALLOY,OUTER FERRULE

TE Part # 2387549-1
CU ALLOY,INNER FERRULE,70SQ

TE Part # 2399663-2
Pre-ASSY,Finger Access,Code B

TE Part # 2399663-4
Pre-ASSY,Finger Access,Code D

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

TE Part # 2399668-2
H&S 95mm, Cable clip

TE Part # 2399669-2
H&S 95mm, Cable cover

Documents

Product Drawings

Pre-ASSY,Finger Access,Code E

English

CAD Files

Customer View Model

ENG_CVM_CVM_2399663-5_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2399663-5_B1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2399663-5_B1.2d_dxf.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

HIVONEX CONNECTORS & CHARGING SOLUTIONS

English

Product Specifications

Application Specification

English