2394085-2 ✔ ACTIVE

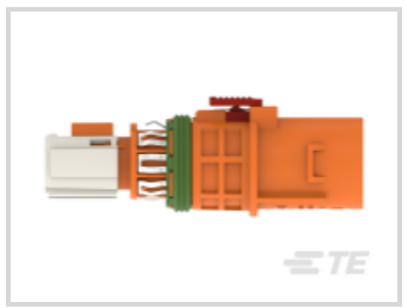
PowerTube | PowerTube HVP-HD 1000

TE Internal #: 2394085-2

Housing for Female Terminals, Wire-to-Bus Bar, Sealable, Wire & Cable, Power & Signal, Cable Mount (Free-Hanging), PowerTube HVP-HD 1000

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings




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

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

Sealable: **Yes**

Connector & Contact Terminates To: **Wire & Cable**

Circuit Application: **Power & Signal**

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector System	Wire-to-Bus Bar
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Clean Body

Electrical Characteristics

Operating Voltage	1000 VAC

Body Features

Cable Exit Angle	180°
Connector & Keying Code	12

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[-104 – 284 °F]

Operation/Application

Circuit Application	Power & Signal

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

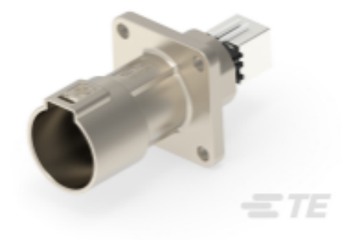
Compatible Parts



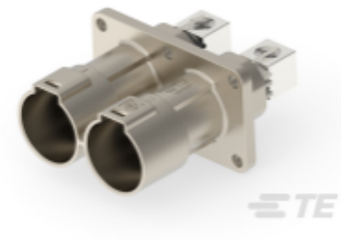
TE Part # 1-2394060-1
1POS,HVP1000,ASSY,180DEG,COD K



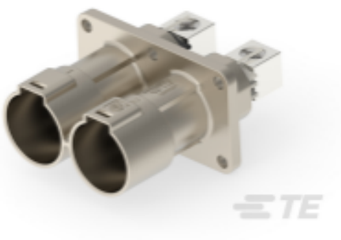
TE Part # 1-2394060-2
1POS,HVP1000,ASSY,180DEG,COD L



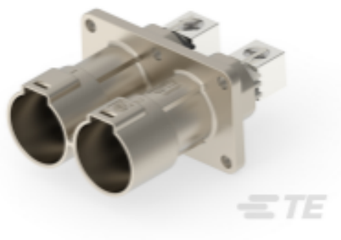
TE Part # 1-2394060-3
1POS,HVP1000,ASSY,180DEG,COD M



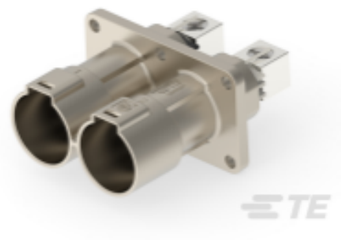
TE Part # 1-2394061-1
HEADER 180D,ASSY.2POS,BACK SIDE, CODE AB



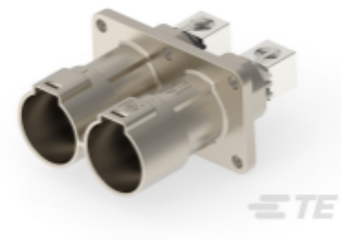
TE Part # 1-2394061-2
HEADER 180D,ASSY.2POS,BACK SIDE, CODE CD



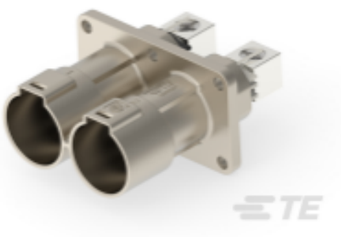
TE Part # 1-2394061-3
2POS,HVP1000,ASSY,180DEG,COD E /F



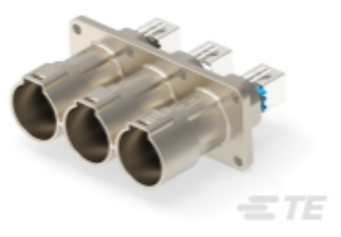
TE Part # 1-2394061-4
2POS,HVP1000,ASSY,180DEG,COD G /H



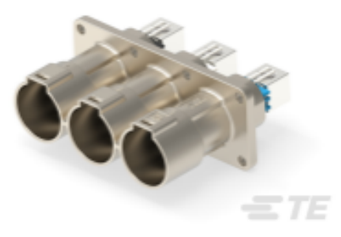
TE Part # 1-2394061-5
2POS,HVP1000,ASSY,180DEG,COD J /K



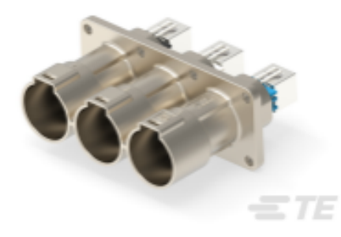
TE Part # 1-2394061-6
2POS,HVP1000,ASSY,180DEG,COD L /M



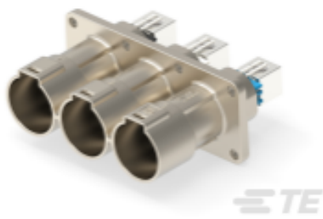
TE Part # 1-2394062-1
3POS,HVP1000,ASSY,180DEG,COD A /B/C



TE Part # 1-2394062-2
3POS,HVP1000,ASSY,180DEG,COD D /E/F



TE Part # 1-2394062-3
3POS,HVP1000,ASSY,180DEG,COD G /H/J



TE Part # 1-2394062-4
3POS,HVP1000,ASSY,180DEG,COD K/L/M



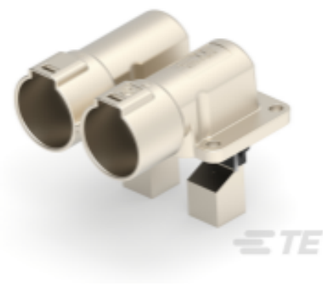
TE Part # 1-2394070-1
1POS,HVP1000,ASSY,90DEG,COD K



TE Part # 1-2394070-2
1POS,HVP1000,ASSY,90DEG,COD L



TE Part # 1-2394070-3
1POS,HVP1000,ASSY,90DEG,COD M



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



TE Part # 1-2394071-2
2POS,HVP1000,ASSY,90DEG,COD C/D



TE Part # 1-2394071-3
2POS,HVP1000,ASSY,90DEG,COD E/F



TE Part # 1-2394071-4
2POS,HVP1000,ASSY,90DEG,COD G/H

Also in the Series | PowerTube HVP-HD 1000



Automotive Connector Caps & Covers (3)



Automotive Connector EMC Shielding (10)



Automotive Housings(24)



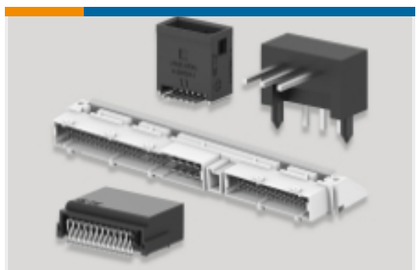
Automotive Terminals(6)



Connector Seals & Cavity Plugs(3)



Other Automotive Connector Accessories(6)



PCB Headers & Receptacles(180)

Customers Also Bought



TE Part #1-2325010-1
3POS,8MM HV,REC HSG,90 DEG, ASSY,SLD



TE Part #2383445-2
DIA 10MM,TERMINAL,FAM SLD /UNSLD,CB



TE Part #2383445-3
DIA 10MM,TERMINAL,FAM SLD /UNSLD,CB



TE Part #2383853-2
H&S 70mm, Shielt Sleeve



TE Part #2383853-4
H&S 50mm, Shielt Sleeve



TE Part #2383855-3
H&S 70mm, Crimp anvil



TE Part #2394085-3
Pre-ASSY,Finger Access,Code C



TE Part #2394112-3
H&S 70mm, Cable clip



TE Part #2395861-3
H&S 70mm, Inner housing



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

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_2394085-2_A1.3d_stp.zip

English

Customer View Model
ENG_CVM_CVM_2394085-2_A1.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2394085-2_A1.3d_igs.zip

English

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Product Specifications

Application Specification

English