



Connectors > PCB Connectors > PCB Headers & Receptacles > HVP HD1400 90 deg



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

Number of Positions: **2**

Number of Rows: **1**

Centerline (Pitch): **47 mm [1.85 in]**

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

[All HVP HD1400 90 deg \(90\)](#)

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 | A/B |
| Primary Product Color | Black, Natural |

Contact Features

| | |
|--------------------------------------|---------------|
| Mating Pin Diameter | 14 mm[.55 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) | 47 mm[1.85 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-HFFTH1400
Housing for Female Terminals HVP-HD 1400




TE Part # 2407804-1
COVER, SHIPPING CAP FOR HD1400 HEADR




TE Part # 2446256-1
HD1400 PRE-ASSY, NO TPA, FINGER



TE Part # 2446256-2
HD1400 PRE-ASSY, NO TPA, TOOL



TE Part # 2446256-3
HD1400 PRE-ASSY SU-BEAM, NO TPA, FINGER

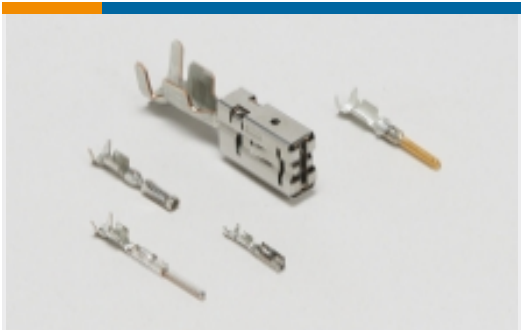


TE Part # 2446256-4
HD1400 PRE-ASSY SU-BEAM, NO TPA, TOOL

Also in the Series | PowerTube HVP-HD 1400



Automotive Housings(24)



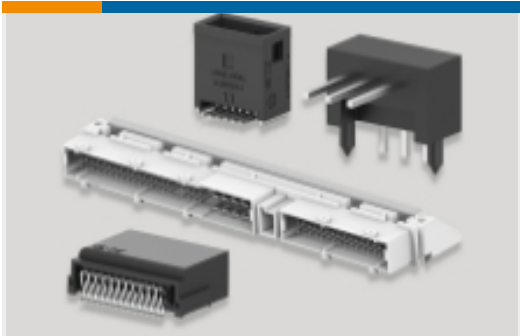
Automotive Terminals(3)



Connector Seals & Cavity Plugs(5)



Other Automotive Connector Accessories(27)



PCB Headers & Receptacles(183)

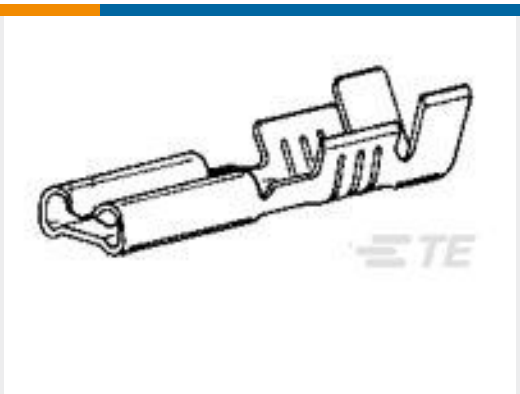
Customers Also Bought



TE Part #T4110001041-000
M12,FEMALE,STRAIGHT,A CODE,4P,
PG7,GOLD



TE Part #1-776262-5
14POS,PIN DIA 1.3,HDR ASSY,
180DEG,COD 5



TE Part #140717-2
110 FASTON,REC.,22-18 AWG,PTBR



TE Part #5-1437624-1
PKES60B1/8=KNOB



TE Part #SRK02-MDA-32A-001
REC, 32P, BLK, E, FLANGE, A



TE Part #1-2399610-2
HVP HD1400 90 deg



TE Part #10142062-01
TRICAN 12V HTD2800P 2.5
B11C6_BR500

Documents

Product Drawings

2POS,HVP1400,ASSY,90DEG,COD A/B

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-2399610-1_B.3d_igs.zip

English

Customer View Model

1-2399610-1

Bus Bar-to-Wire, 2 Position, 47 mm [1.85 in] Centerline, Fully Shrouded, Silver (Ag),
Through Hole - Screw, Sealable, Power, PowerTube HVP-HD 1400



[ENG_CVM_CVM_1-2399610-1_B.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2399610-1_B.2d_dxf.zip](#)

English

3D PDF

3D

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