

# YHVP1100-1P-90-B-0 ✓ ACTIVE



TE Internal #: YHVP1100-1P-90-B-0

Housing for Male Terminals, 1 Position, Sealable, Orange, Cable Mount (Free-Hanging), -40 – 257 °F [-40 – 125 °C], Key B

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings



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

Mating Pin Diameter: **11 mm [ .433 in ]**

Number of Positions: **1**

Sealable: **Yes**

Hybrid Connector: **Yes**

## Features

### Product Type Features

|                          |                            |
|--------------------------|----------------------------|
| Connector Shape          | Rectangular                |
| Connector & Housing Type | Housing for Male Terminals |
| Sealable                 | Yes                        |
| Hybrid Connector         | Yes                        |
| Primary Locking Feature  | Integrated in Housing      |

### Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 1 |
| Number of Rows      | 1 |

### Electrical Characteristics

|                              |   |
|------------------------------|---|
| Operating Voltage            | 750 VDC   |
| Nominal Voltage Architecture | 12 V, 24 V, 42 V, 48 V, 80 V, 90 V, 125 V, 240 V, 500 V, 550 V, 600 V |

### Body Features

|                         |        |
|-------------------------|--------|
| Cable Exit Angle        | 90°    |
| Primary Product Color   | Orange |
| Connector & Keying Code | B      |

### Contact Features

|                     |                 |
|---------------------|-----------------|
| Contact Type        | Pin             |
| Mating Pin Diameter | 11 mm [.433 in] |

### Mechanical Attachment

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

### Housing Features

|                  |       |
|------------------|-------|
| Housing Material | PA GF |
|------------------|-------|

### Dimensions

|                  |                   |
|------------------|-------------------|
| Connector Height | 49.9 mm[1.96 in]  |
| Product Width    | 57.7 mm[2.27 in]  |
| Product Length   | 100.4 mm[3.95 in] |

### Usage Conditions

|                             |   |
|-----------------------------|---|
| Operating Temperature (Max) | 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F] |
| Operating Temperature Range | -40 – 125 °C[-40 – 257 °F]  |

### Industry Standards

|                 |         |
|-----------------|---------|
| Agency/Standard | USCAR-2 |
|-----------------|---------|

### Packaging Features

|                    |        |
|--------------------|--------|
| Packaging Quantity | 45     |
| Packaging Method   | Carton |

### Other

|                                      |     |
|--------------------------------------|-----|
| Serviceable                          | No  |
| 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: JUNE 2023 (235)

Candidate List Declared Against: JUNE 2022 (224)

Does not contain REACH SVHC

Halogen Content

Not Yet Reviewed for halogen content

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts

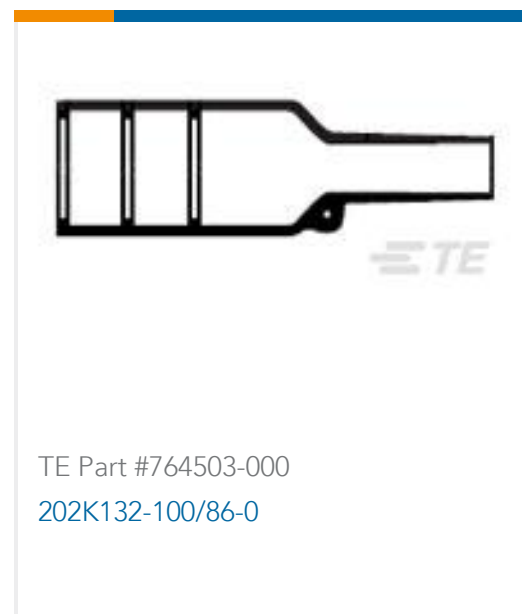


TE Part # 2137740-2  
HV1100 1POS HEADER 90 DEG ASSY SLD

## Customers Also Bought



TE Part #1-967623-1  
Timer Connector Housing



TE Part #764503-000  
202K132-100/86-0



TE Part #927768-9  
TIMER, RECEPTACLE AND TAB



TE Part #1-1241380-2  
AMP MCP 1.5K, CONTACT, SWS



## Documents

### Product Drawings

[HVP1100-1phi XE,90,Key B](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_YHVP1100-1P-90-B-0\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_YHVP1100-1P-90-B-0\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_YHVP1100-1P-90-B-0\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[HEMS Sample Kit YHVP1100-1P-90-B-0](#)

English

### Product Specifications

[Application Specification](#)

English