

YHVP1100-1P-90-B-0

✓ ACTIVE

TE Internal #: YHVP1100-1P-90-B-0
Plug, Cable-to-Board / Cable-to-Cable, 1 Position, Sealable,
Orange, Wire & Cable, Power, Cable Mount (Free-Hanging), -40 –
125 °C [-40 – 257 °F]
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Connectors > Automotive Connectors > Automotive Housings



Connector System: **Cable-to-Board, Cable-to-Cable**
Number of Positions: **1**
Connector & Housing Type: **Plug**
Sealable: **Yes**
Number of Rows: **1**

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Cable-to-Board, Cable-to-Cable
Connector & Housing Type	Plug
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 VDC
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Body Features

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

Contact Features

Contact Type	Pin
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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	PA66 GF30
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Dimensions

Connector Height	53.3 mm[2.1 in]
Product Width	49.9 mm[1.96 in]
Product Length	114.8 mm[4.52 in]

Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

Degree of Protection	IP68, IP6K9K
Compatible With Agency/Standards Products	USCAR-2

Packaging Features

Packaging Quantity	1
Packaging Method	Package

Other

Serviceable	No
Connector Position Assurance Capable	No

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 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 #1-2176230-4

3522 10R 5% 3W



TE Part #1-2273126-2

M12 angl d sckt to M12 strght plg 3 LED



TE Part #120591-1


TOP LOAD BATTERY



TE Part #321198

SPLICE,SOLIS BUTT 26-22





TE Part #170721-2
SOLISTRAND RINGTONG



TE Part #2137740-1
HVP1100 1POS HEADER 90 DEG ASSY SLD



TE Part #2-2366515-4
DYNAMIC D1000 SLIM REC HSG 4P Y KEY



TE Part #2-2366600-4
DYNAMIC D1000 SLIM TAB HSG 4P Y KEY



TE Part #8-2176558-5
3430 B2 1% 3K0 100ppm 1k RL



TE Part #ESA205N00330003000
915 PLUG

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