

YHV800-2P-90-50M-B ✓ ACTIVE

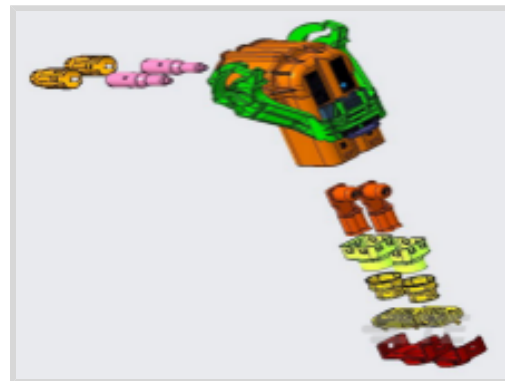
TE Internal #: YHV800-2P-90-50M-B

Housing for Female Terminals, Wire-to-Wire, 2 Position, .905 in [23 mm] Centerline, Sealable, Orange, Wire & Cable, Power, Cable Mount (Free-Hanging)

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings



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

Mating Pin Diameter: **8 mm [.314 in]**

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

Number of Positions: **2**

Centerline (Pitch): **23 mm [.905 in]**

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	650 VDC
Nominal Voltage Architecture	650 V

Body Features

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

Contact Features

Contact Type	Socket
--------------	--------



Mating Pin Diameter	8 mm [.314 in]
---------------------	----------------

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA GF
Centerline (Pitch)	23 mm [.905 in]

Dimensions

Connector Height	55.7 mm [2.19 in]
Product Width	93.9 mm [3.69 in]
Product Length	83 mm [3.26 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
Agency/Standard	LV214

Packaging Features

Packaging Quantity	18
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: JAN 2023 (233) Candidate List Declared Against: JAN 2021 (211) 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 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 # 2141227-2
2POS,PIN DIA 8.0,PIN HSG,ASSY,SLD

Customers Also Bought



TE Part #2141227-2
High-Voltage Header



TE Part #2141826-1
MQS0,63 Sn rec LL EDS 0,08-0,22



TE Part #G-NSDOG1-006
AXISENSE-1 V-OUT-180 TILT SENSOR



TE Part #2137704-1
HVP1100 1POS PLUG HSG ASSY SLD 90 DEG



TE Part #1393436-2
V23542C1028B102=28P KABELBAUMS



TE Part #2-2141227-1
2POS,PIN DIA 8.0,PIN HSG,ASSY,SLD



TE Part #2355146-1
3POS,IPT,RING TONGUE HSG ASSY, SLD



TE Part #YHVP1100-1P-90-B-0
HVP1100-1phi XE,90,Key B



TE Part #539950-2
ERGO DIE MCP 1,5 K

Documents

Product Drawings

[HVP800-2PHI XE,90,50SQMM,KEY B](#)

German

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_YHV800-2P-90-50M-B_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_YHV800-2P-90-50M-B_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_YHV800-2P-90-50M-B_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 YHV800-2p-90-50m-B](#)

English

Product Specifications

[Application Specification](#)

English