# YHV280-2PM-S-4MM-A VACTIVE

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TE Internal #: YHV280-2PM-S-4MM-A Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 2 Position, .409 in [10.4 mm] Centerline, Sealable, Orange, Signal



Connectors > Automotive Connectors > Automotive Housings



Connector & Housing Type: Housing for Female Terminals

Mating Tab Width: 2.8 mm [.11 in]

Connector System: Wire-to-Board, Wire-to-Device

Number of Positions: 2

Centerline (Pitch): 10.4 mm [ .409 in ]

### **Features**

#### **Product Type Features**

Product Type reatures	
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	On the Terminal
Configuration Features	
Number of Positions	2
Number of Rows	1
Electrical Characteristics	
Operating Voltage	850 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V, 80 V, 90 V, 125 V, 240

### **Body Features**

Cable Exit Angle	180°
Primary Product Color	Orange
Connector & Keying Code	A

V, 500 V, 550 V, 600 V

### **Contact Features**

Contact Size	.63mm, 2.8mm
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Contact Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Mechanical Attachment	
Terminal Position Assurance	No
Strain Relief	With
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	PA GF
Centerline (Pitch)	10.4 mm[.409 in]
Dimensions	
Connector Height	27.6 mm[1.087 in]
Product Width	55.3 mm[2.177 in]
Product Length	32.9 mm[1.295 in]
Jsage 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]
Operation/Application	
Circuit Application	Signal
ndustry Standards	
Degree of Protection	IP6K9K
UL Flammability Rating	UL 94HB
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	
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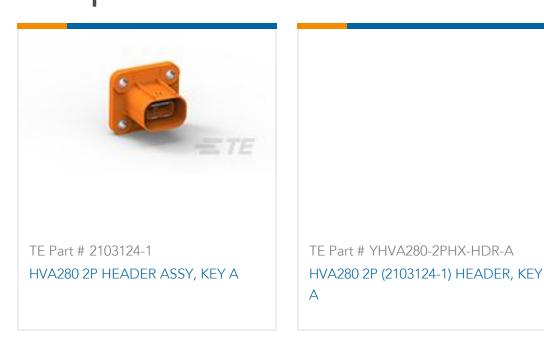


EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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

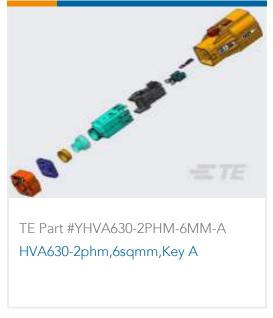
## **Compatible Parts**

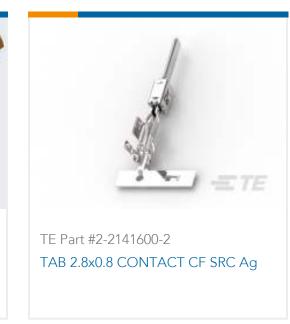


## Customers Also Bought

























### **Documents**

#### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_YHV280-2PM-S-4MM-A\_A.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_YHV280-2PM-S-4MM-A\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_YHV280-2PM-S-4MM-A\_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 Kit YHV280-2pm-s-4mm-A

English

### **Product Specifications**

**Application Specification** 

English