



HVA 630

TE Internal #: YHVA630-2PHM-4MM-A

Housing for Male Terminals, 2 Position, .37 in [9.4 mm] Centerline, Sealable, Orange, Power, -40 – 284 °F [-40 – 140 °C], Key A, HVA 630

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings



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

Mating Tab Width: **6.3 mm [ .248 in ]**

Number of Positions: **2**

Centerline (Pitch): **9.4 mm [ .37 in ]**

Sealable: **Yes**

**Features**

**Product Type Features**

Connector & Housing Type	Housing for Male Terminals
Sealable	Yes
Hybrid Connector	Yes
Primary Locking Feature	Integrated in Housing

**Configuration Features**

Number of Positions	2
---------------------	---

**Electrical Characteristics**

Operating Voltage	850 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	180°
Primary Product Color	Orange
Connector & Keying Code	A

**Contact Features**

Contact Type	Tab
Mating Tab Width	6.3 mm[.248 in]

**Mechanical Attachment**



Terminal Position Assurance	Yes
Strain Relief	With
Mating Alignment Type	Polarized

### Housing Features

Housing Material	PA GF
Centerline (Pitch)	9.4 mm [.37 in]

### Dimensions

Connector Height	38.45 mm [1.51 in]
Product Width	37.6 mm [1.48 in]
Product Length	71.3 mm [2.8 in]

### Usage Conditions

Operating Temperature (Max)	70 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F]
Operating Temperature Range	-40 – 140 °C [-40 – 284 °F]

### Operation/Application

Circuit Application	Power
---------------------	-------

### Industry Standards

Degree of Protection	IP4K9K
----------------------	--------

### Packaging Features

Packaging Quantity	160
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: JAN 2023

(233)

Does not contain REACH SVHC

Halogen Content

Not Yet Reviewed for halogen content

Solder Process Capability

Not reviewed for solder process capability

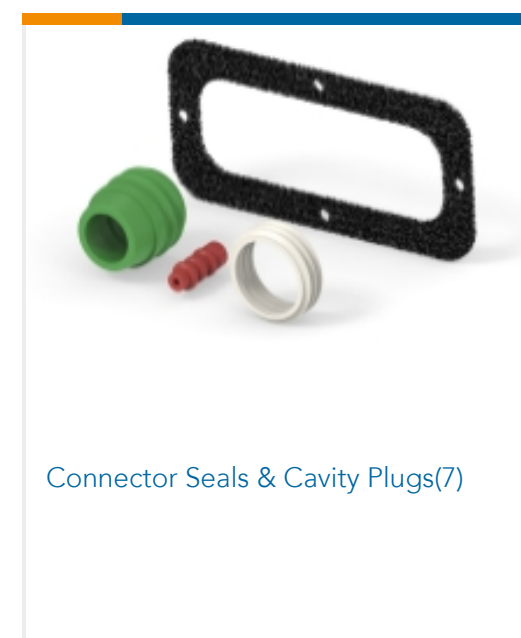
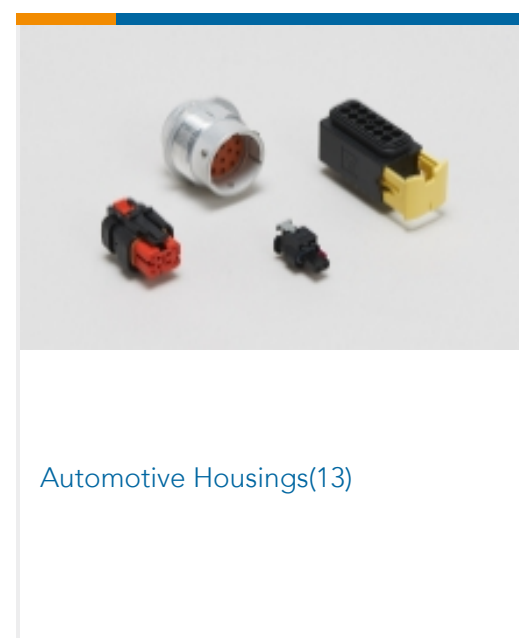
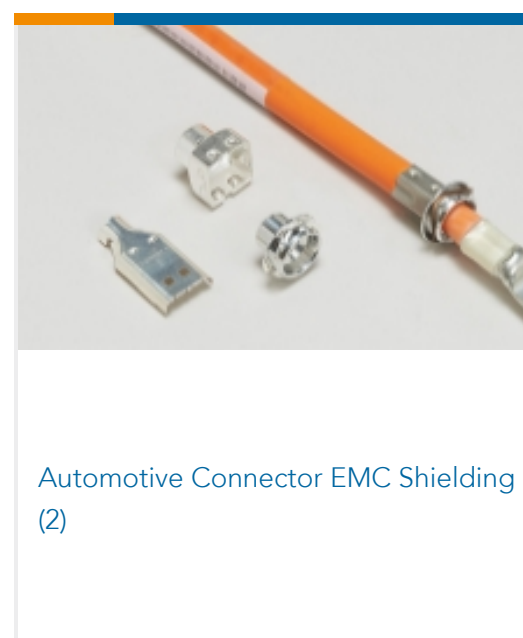
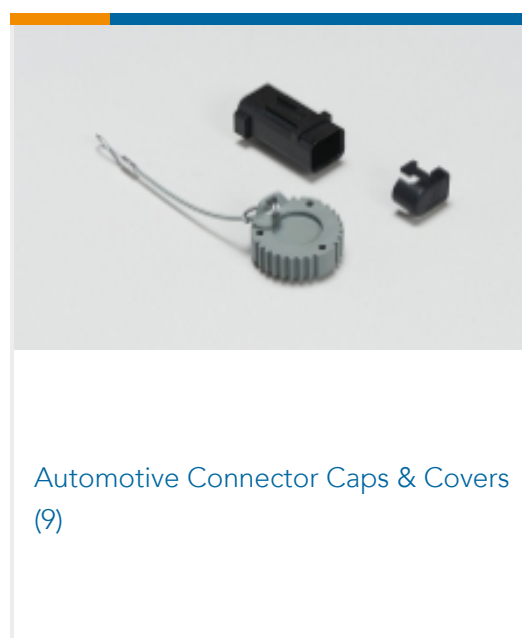
Product Compliance Disclaimer

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



## Also in the Series | HVA 630

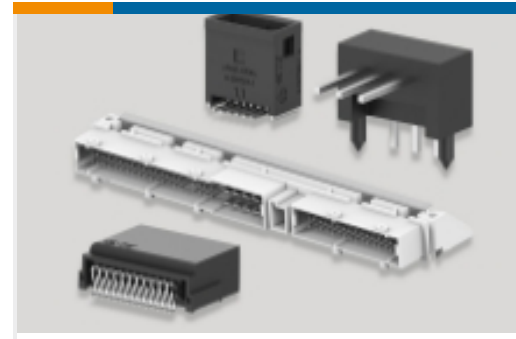




High Voltage Wire Processing Equipment(14)



Other Automotive Connector Accessories(3)



PCB Headers & Receptacles(1)

## Customers Also Bought



TE Part #DTHD04-1-4P-L009  
REC, 1P, BLK, N, SIZE 4, FLANGE



TE Part #2141264-3  
SINGLE WIRE SEAL,AMP MCP6.3/4.8K



TE Part #DTSK04-1-08PA  
RECEPTACLE, INLINE, KEY A



TE Part #DTSK04-1-08PB  
RECEPTACLE, INLINE, KEY B



TE Part #DTSK06-1-08SA  
PLUG, INLINE, KEY A



TE Part #DTSK06-1-08SB  
PLUG, INLINE, KEY B



TE Part #SRK-PC-080-25-601  
PIN, SOLID, SIZE M8, 25mm2, AG



TE Part #SRK-PC-080-32-601  
PIN, SOLID, SIZE M8, 32mm2, AG



TE Part #SRK-PC-080-35-601  
PIN, SOLID, SIZE M8, 35mm2, AG



TE Part #YHV280-2PM-P-4MM-E  
HVA280-2pnm,pass,4sqmm,Key E

## Documents

### CAD Files

[3D PDF](#)

[3D](#)

### Customer View Model

[ENG\\_CVM\\_CVM\\_YHVA630-2PHM-4MM-A\\_A.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_YHVA630-2PHM-4MM-A\\_A.3d\\_igs.zip](#)



English

### Customer View Model

[ENG\\_CVM\\_CVM\\_YHVA630-2PHM-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 Sample Kit YHVA630-2phm-4mm-A](#)

English

### Product Specifications

[Application Specification](#)

English