



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
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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
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Industry Standards

Degree of Protection	IP4K9K
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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: JAN 2023
 (233)
 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




TE Part # CAT-HVH5375
High-Voltage Header




TE Part # YHVA630-2PHI-HDR-A
HVA630 2P (1-2141272-1) HEADER,
KEY A


Also in the Series | HVA 630




Automotive Connector Caps & Covers
(9)



Automotive Connector EMC Shielding
(2)



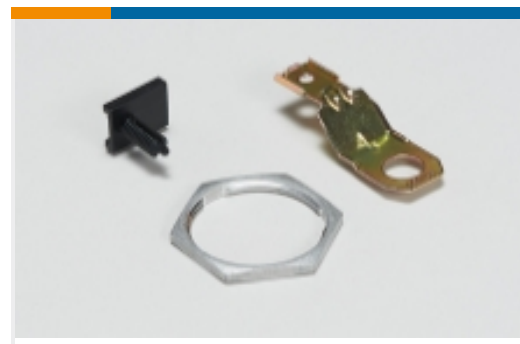
Automotive Housings(13)



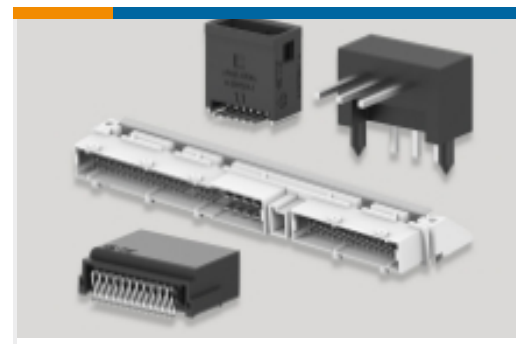
Automotive Seals & Cavity Plugs(7)



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 #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 #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 #YHV280-2PM-P-4MM-E
HVA280-2phm,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