

2141256-1 ✓ ACTIVE

HVA 630

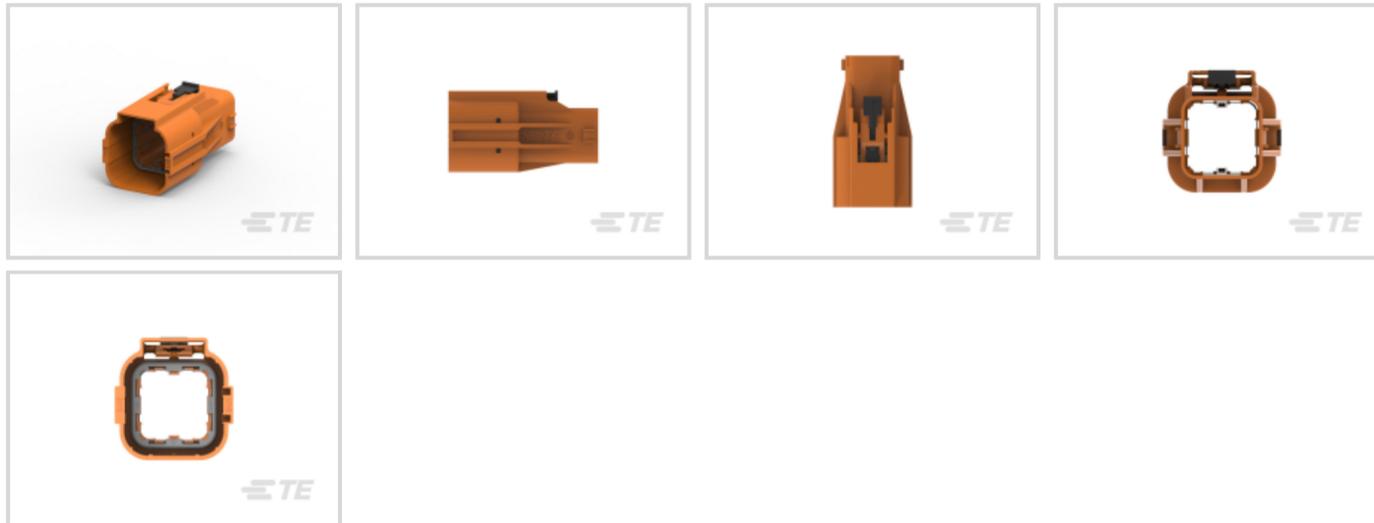
TE Internal #: 2141256-1

Housing for Male Terminals, 2 Position, .37 in [9.4 mm] Centerline, Sealable, Orange, Power, Cable Mount (Free-Hanging), HVA 630

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Connectors > Automotive Connectors > Automotive Housings



Number of Positions: 2

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

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

Sealable: **Yes**

Mating Tab Width: 6.3 mm [ .248 in ]

## Features

### Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Sealable	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 Size	4.8K, 6.3mm
Contact Type	Tab
Mating Tab Width	6.3 mm[.248 in]

### 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	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
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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: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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

 <p>TE Part # CAT-HVH5375 High-Voltage Header</p>	 <p>TE Part # 2141265-4 COVER,SEAL</p>	 <p>TE Part # 2141259-1 2POS, MIXED,REC HSG,ASSY</p>	 <p>TE Part # 2141262-3 SHIELDING,EMC</p>
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Also in the Series | **HVA 630**



Customers Also Bought





## Documents

### Product Drawings

[2POS, AMP MCP6.3/4.8K, REC HSG, ASSY](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2141256-1\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2141256-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2141256-1\\_B.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

[Application Specification](#)

English