

2-2141272-1 ✓ ACTIVE

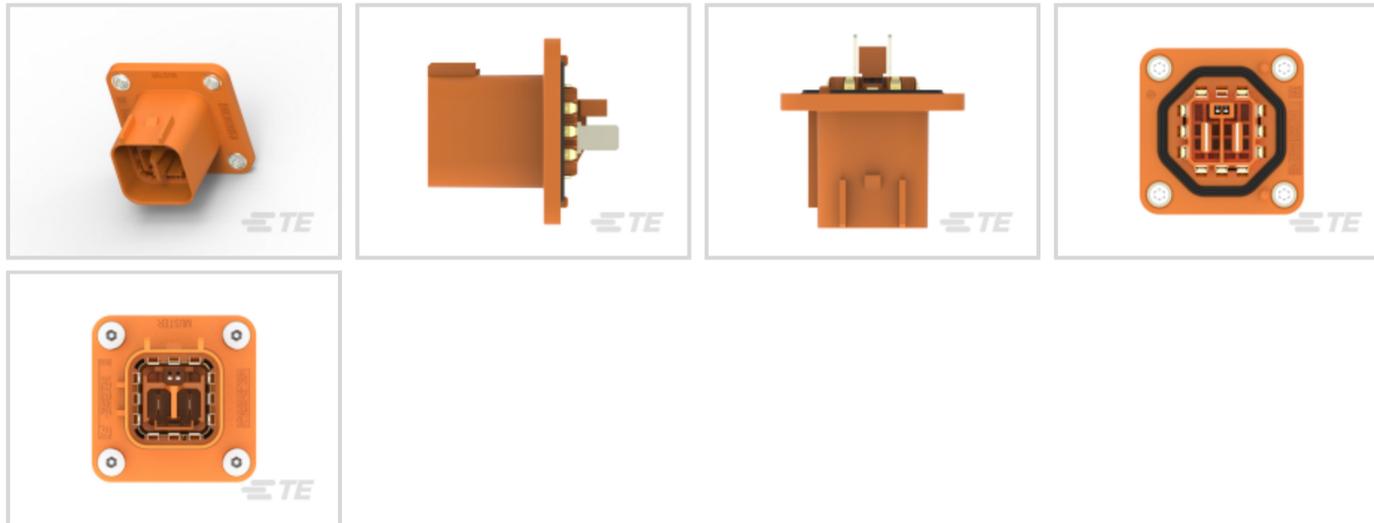


TE Internal #: 2-2141272-1

PCB Mount Header, Vertical, Wire-to-Panel / Wire-to-Board, 2  
Position, 9.4 mm [.37 in] Centerline, Fully Shrouded, Silver, Through  
Hole - Press-Fit

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles > HIGH VOLTAGE HEADER



Connector System: **Wire-to-Board, Wire-to-Panel**

Number of Positions: **2**

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

Sealable: **Yes**

PCB Mount Orientation: **Vertical**

[All HIGH VOLTAGE HEADER \(33\)](#)

## Features

### Product Type Features

Hybrid Header	Yes
Connector Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header
Header Type	Fully Shrouded
Connector System	Wire-to-Board, Wire-to-Panel
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Number of Sections	1
Number of Signal Positions	2
Number of Positions	2
PCB Mount Orientation	Vertical
Number of Rows	1



### Electrical Characteristics

Operating Voltage	850 VAC
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### Body Features

Primary Product Color	Orange
Connector Code	A

### Contact Features

Contact Size	6.3mm
Contact Type	Tab
Mating Tab Width	6.3 mm[.248 in]
Mating Tab Thickness	.8 mm[.031 in]
Contact Mating Area Plating Material	Silver
Contact Current Rating (Max)	54 A

### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
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### Mechanical Attachment

Mounting Holes	With
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	Without
Mating Retention Type	Locking Interface
Connector Mounting Type	Panel Mount

### Housing Features

Centerline (Pitch)	9.4 mm[.37 in]
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### Dimensions

Connector Length	50 mm[1.968 in]
Connector Width	50 mm[1.968 in]
PCB Thickness (Recommended)	6.3 mm[.248 in]

### Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C,
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140 °C[149 °F][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

Shielded Yes  
Circuit Application Power

### Industry Standards

Degree of Protection IP6K9K

### Packaging Features

Packaging Type Carton  
Packaging Quantity 40

### 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 2022 (224) Candidate List Declared Against: JUL 2021 (219) 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



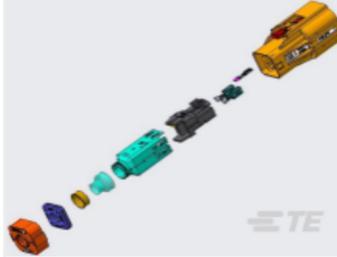
TE Part # 1-2141256-1  
2POS,AMP MCP6.3/4.8K,REC HSG,  
COD.A,ASSY



TE Part # 2141256-1  
2POS,AMP MCP6.3/4.8K,REC HSG,  
ASSY



TE Part # YHVA630-2PHM-4MM-A  
HVA630-2phm,4sqmm,Key A



TE Part # YHVA630-2PHM-6MM-A  
HVA630-2phm,6sqmm,Key A

## Documents

### Product Drawings

[2POS, MIXED,HEADER ASSY,CODA](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2141272-1\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2141272-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2141272-1\\_B.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[HEMS Product Overview](#)

English

### Product Specifications

[Application Specification](#)

English