



Connectors > PCB Connectors > PCB Headers & Receptacles > High-Voltage Header



PCB Connector Assembly Type: **PCB Mount Header**

Connector System: **Wire-to-Wire**

Number of Positions: **2**

Number of Rows: **1**

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

[All High-Voltage Header \(29\)](#)

Features

Dimensions

Connector Width	40.6 mm[1.59 in]
Connector Length	45.4 mm[1.78 in]

Packaging Features

Packaging Quantity	1
Packaging Method	Package

Body Features

Connector & Keying Code	E
Primary Product Color	Orange

Operation/Application

Shielded	Yes
Circuit Application	Signal

Contact Features

Mating Tab Width	2.8 mm[.11 in]
Mating Tab Thickness	.8 mm[.031 in]
Contact Type	Tab

Mechanical Attachment

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

Configuration Features

Number of Signal Positions	2
Number of Sections	1
Number of Positions	2
Number of Rows	1

Product Type Features

Mixed & Hybrid Header	Yes
Connector Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header
Connector System	Wire-to-Wire
Header Type	Fully Shrouded
Sealable	Yes

Housing Features

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

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241)




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



TE Part # YHV280-2PM-S-4MM-E
HVA280-2phm,shunted,4sqmm,Key E




TE Part # 1587733-1
SHIPPING CAP, CAP, HVA280-3PM




TE Part # 4-2103177-5
PLUG ASSY, KEY E, FA,CPA, HVA280-2PHI XE


Also in the Series | HVA 280




Automotive Connector Caps & Covers
(5)




Automotive Connector EMC Shielding
(15)



Automotive Headers(32)



Automotive Housings(71)




Connector Seals & Cavity Plugs(8)



Electric, Hybrid & Fuel Cell Cable Assemblies(21)



High Voltage Wire Processing Equipment(7)



Other Automotive Connector Accessories(38)



PCB Headers & Receptacles(32)

Customers Also Bought



TE Part #2103013-1
CABLE SEAL RETAINER, SIZE 1, HVA280



TE Part #1587724-3
OUTER FERRULE, SIZE C, HVA280



TE Part #1587985-1
INNER HSG SUBASSY, HVA280-2PHM



TE Part #2103153-1
SPACER, HVA280-2PHM



TE Part #2103124-1
HVA280 2P HEADER ASSY, KEY A



TE Part #9-1768016-7
CSL-14033P-9



TE Part #1-968853-3
AMP MCP 2.8, CONTACT



TE Part #2103154-1
CABLE SEAL, SIZE 1, HVA280



TE Part #1-2141272-6
2POS, MIXED,HEADER ASSY,CODF



TE Part #1106470-4
HD.64.STS.1.M32.G

Documents



Product Drawings

HVA280 2P HEADER ASSY, KEY E

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2103124-5_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2103124-5_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2103124-5_B.3d_stp.zip

English

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

Instruction Sheets

Instruction Sheet (U.S.)

English