

2103346-2 ✓ ACTIVE

HVA 280

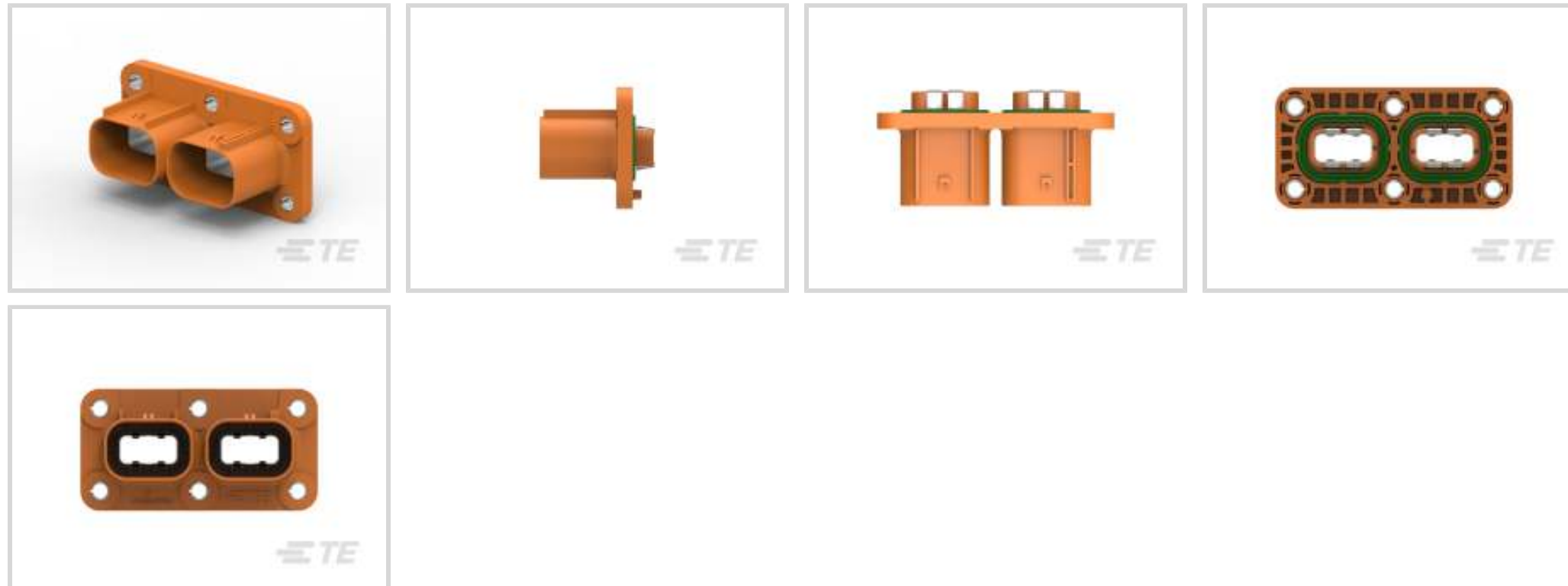
TE Internal #: 2103346-2

PCB Mount Header, Vertical, Wire-to-Device, 4 Position, Fully Shrouded, Tin, Through Hole - Press-Fit, Sealable, Signal, Orange, HVA 280

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles > Press-Fit & SMT Header



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

Number of Positions: **4**

Sealable: **Yes**

PCB Mount Orientation: **Vertical**

Number of Rows: **1**

[All Press-Fit & SMT Header \(32\)](#)

## 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-Device
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Number of Sections	2
Number of Signal Positions	2
Number of Positions	4
PCB Mount Orientation	Vertical
Number of Rows	1



### Electrical Characteristics

Voltage Rating (Max)	600 VDC
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### Body Features

Primary Product Color	Orange
Connector & Keying Code	D, F

### Contact Features

Contact Type	Tab
Mating Tab Width	2.8 mm[.11 in]
Mating Tab Thickness	.8 mm[.031 in]
Contact Mating Area Plating Material	Tin

### 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
Panel Mount Feature	Without
Mating Retention Type	Locking Interface

### Dimensions

Connector Length	79.3 mm[3.12 in]
Connector Width	40.6 mm[1.59 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[149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

### Operation/Application

Shielded	Yes
Circuit Application	Signal

### Packaging Features



Packaging Type	Package
Packaging Quantity	1

### 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	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 # 2103245-6 Inner Housing, Split Hdr, Key F, HVA280</p>	 <p>TE Part # 2103245-4 Inner Housing, Split Hdr, Key D, HVA280</p>	 <p>TE Part # 2103321-4 3p Inner Hsg, Split Hdr, Key D, HVA280</p>	 <p>TE Part # 2103321-6 3p Inner Hsg, Split Hdr, Key F, HVA280</p>
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### Also in the Series | [HVA 280](#)



Automotive Connector Caps & Covers (5)



Automotive Connector EMC Shielding (15)



Automotive Housings(77)



Automotive Seals & Cavity Plugs(8)



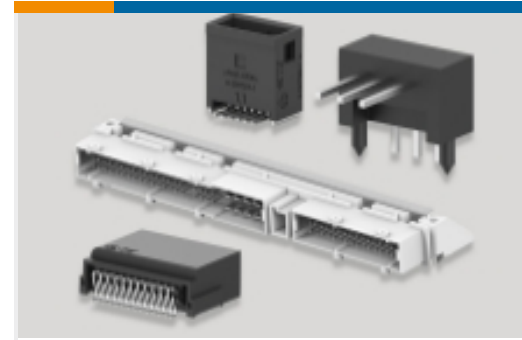
Electric, Hybrid & Fuel Cell Cable Assemblies(6)



High Voltage Wire Processing Equipment(7)



Other Automotive Connector Accessories(37)



PCB Headers & Receptacles(37)

## Customers Also Bought



TE Part #1544551-1  
CONNECTOR 5V 6.35



TE Part #1-2141227-1  
2POS,PIN DIA 8.0,PIN HSG,ASSY,SLD



TE Part #962876-5  
TIMER, RECEPTACLE AND TAB



TE Part #1-2103212-1  
Plug Assembly, 350A, MSD



TE Part #2103149-2  
PLUG, HVIL ONLY, KEY B, HVA280-2PHI



TE Part #2386229-1  
TPA REC HSG,48POS,MCON 1.2



TE Part #2386231-1  
REC CONN CVR,48POS,MCON 1.2,45 DEG



TE Part #2402686-1  
2POS,0.64 SERIES,REC HSG,CSJ1800 HVIL

## Documents

### Product Drawings

[HVA280 2 Bay Header Sub-Assy, KEY D, F](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_2103346-2\\_A1.3d\\_stp.zip](#)

English

Customer View Model



[ENG\\_CVM\\_CVM\\_2103346-2\\_A1.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2103346-2\\_A1.3d\\_igs.zip](#)

English

**3D PDF**

3D

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

### Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English