

2141227-1 ✓ ACTIVE

AMP+ HVP800

TE Internal #: 2141227-1

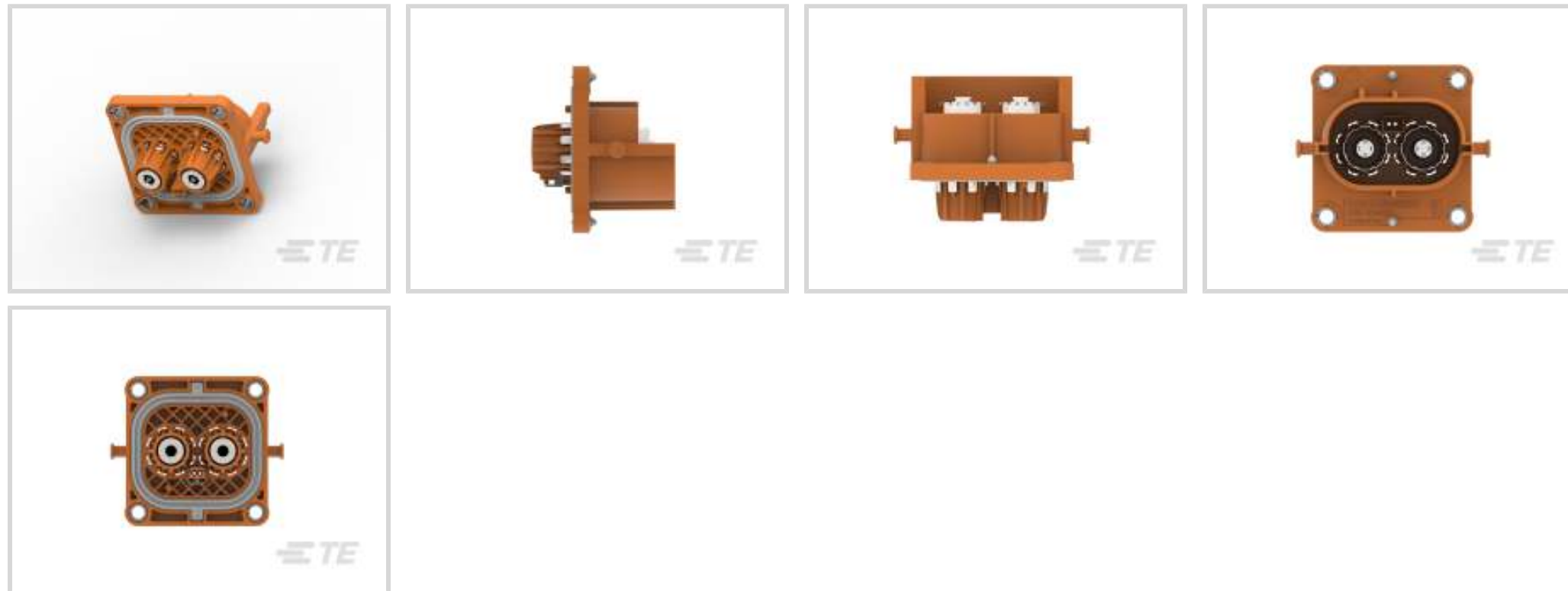
PCB Mount Header, Wire-to-Device, 2 Position, 11.5 mm [.452 in]

Centerline, Fully Shrouded, Sealable, Orange, AMP+ HVP800

[View on TE.com >](#)



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



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

Number of Positions: 2

Centerline (Pitch): 11.5 mm [.452 in]

Sealable: **Yes**

Number of Rows: 1

[All High-Voltage Header \(34\)](#)

Features

Product Type Features

Hybrid Header	No
Connector Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header
Header Type	Fully Shrouded
Connector System	Wire-to-Device
Sealable	Yes

Configuration Features

Number of Positions	2
Number of Rows	1

Body Features

Primary Product Color	Orange
Connector & Keying Code	A

Contact Features



Contact Size	8mm
Contact Type	Pin
Mating Pin Diameter	8 mm[.314 in]

Mechanical Attachment

Mounting Holes	With
Mating Retention	With
Mating Alignment	With
Mating Retention Type	Locking Interface

Housing Features

Centerline (Pitch)	11.5 mm[.452 in]
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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

Shielded	Yes
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Industry Standards

Degree of Protection	IP6K9K
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Type	Box
Packaging Quantity	36

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



TE Part # 1-2141154-1
2POS,8MM HV,REC HSG,90DEG,ASSY, SEALED



TE Part # 1-2177053-5
2POS,8MM HV,PLUG HSG,ASSY, SEALED



TE Part # 1-2177053-7
2POS,8MM HV,PLUG HSG,ASSY, SEALED



TE Part # 1-2286937-6
2POS,HVP800,180 DEG,50 SQMM, COD A,CS



TE Part # 1-2286945-1
2POS,HVP800,90 DEG,50 SQMM,COD A



TE Part # 1-2286945-3
2POS,HVP800,90 DEG,50 SQMM,COD A



TE Part # 1-2286945-5
2POS,HVP800,90 DEG,50 SQMM,COD A



TE Part # 1-2286946-1
2POS,HVP800,90 DEG,35 SQMM,COD A



TE Part # 1-2286946-3
2POS,HVP800,90 DEG,35 SQMM,COD A



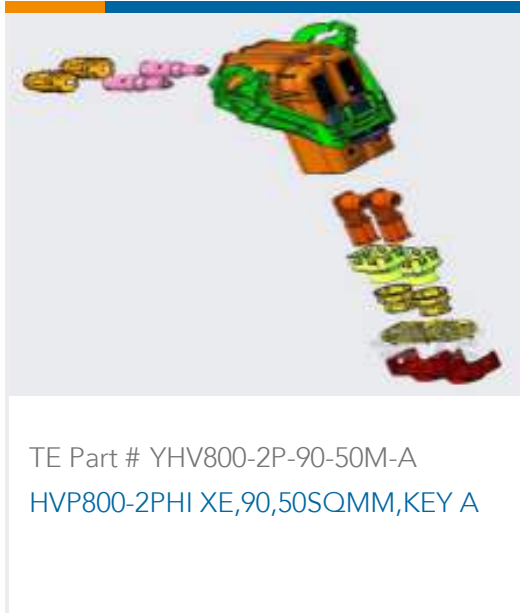
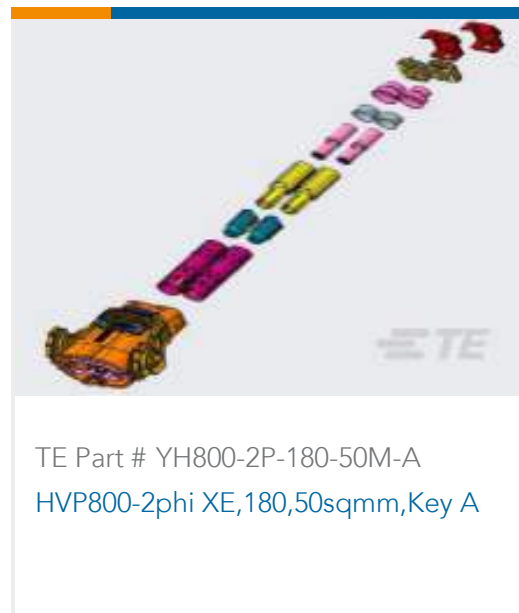
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2POS,HVP800,90 DEG,35 SQMM,COD A



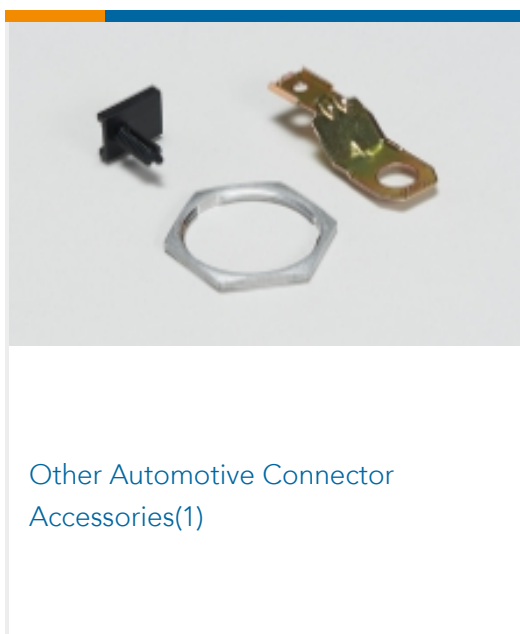
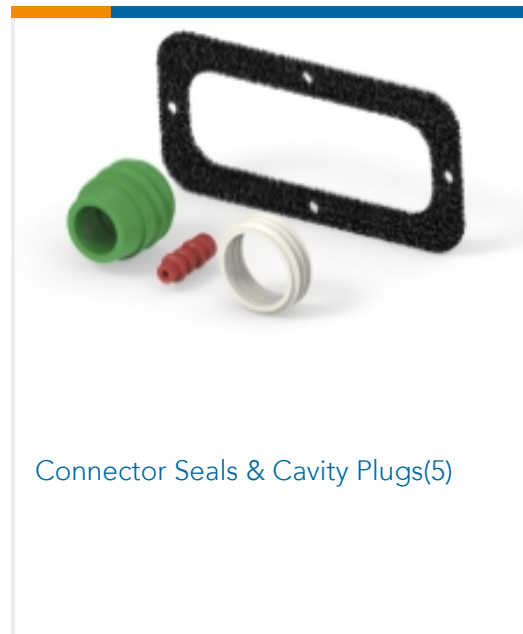
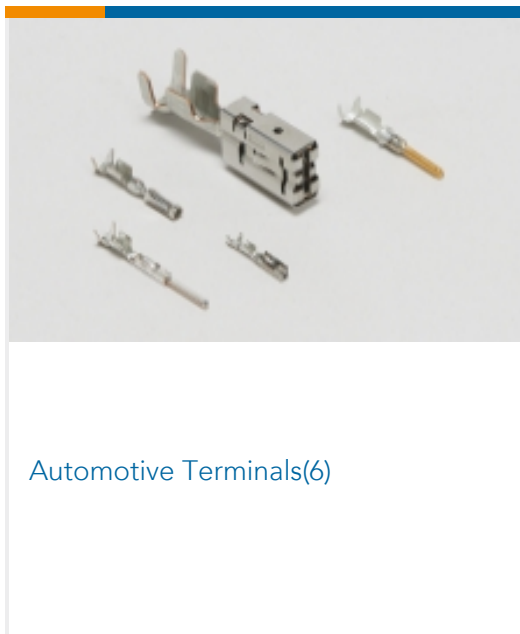
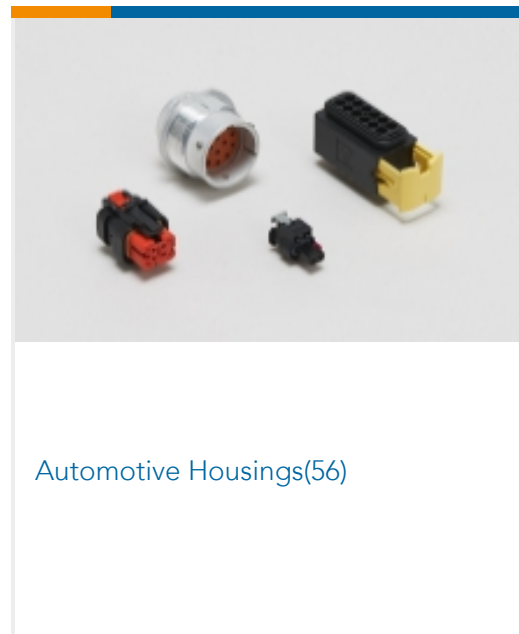
TE Part # 1-2286947-1
2POS,HVP800,90 DEG,25 SQMM,COD A



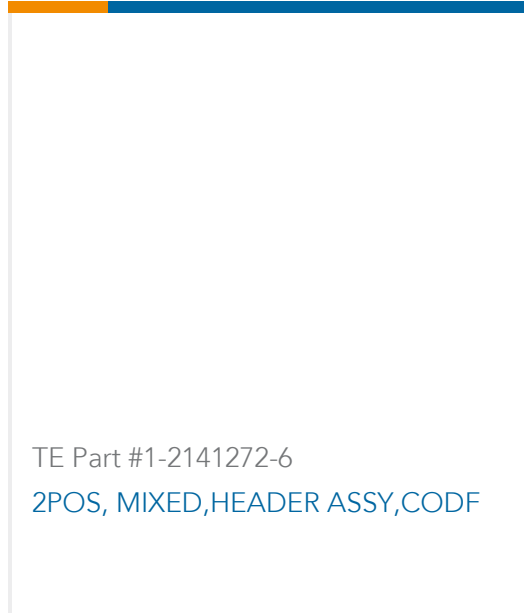
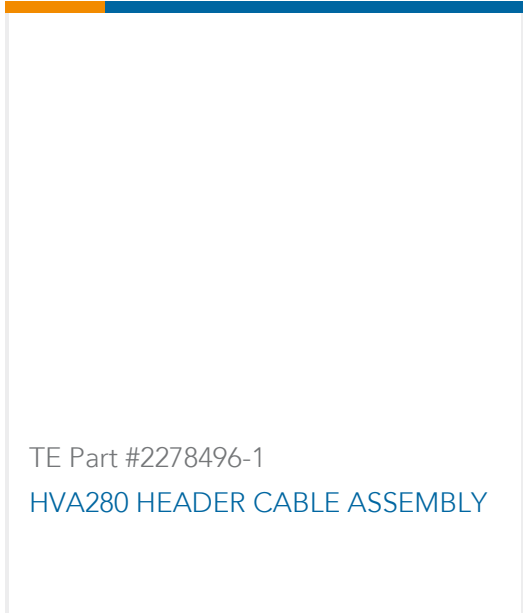
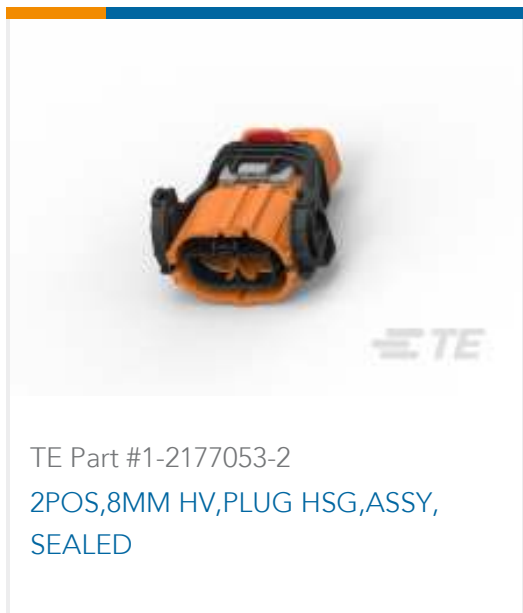
TE Part # 1-2286947-3
2POS,HVP800,90 DEG,25 SQMM,COD A



Also in the Series | AMP+ HVP800



Customers Also Bought



Documents

CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG_CVM_CVM_2141227-1_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2141227-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2141227-1_D.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English