

2141230-1 ✓ ACTIVE

AMP+ HVP800

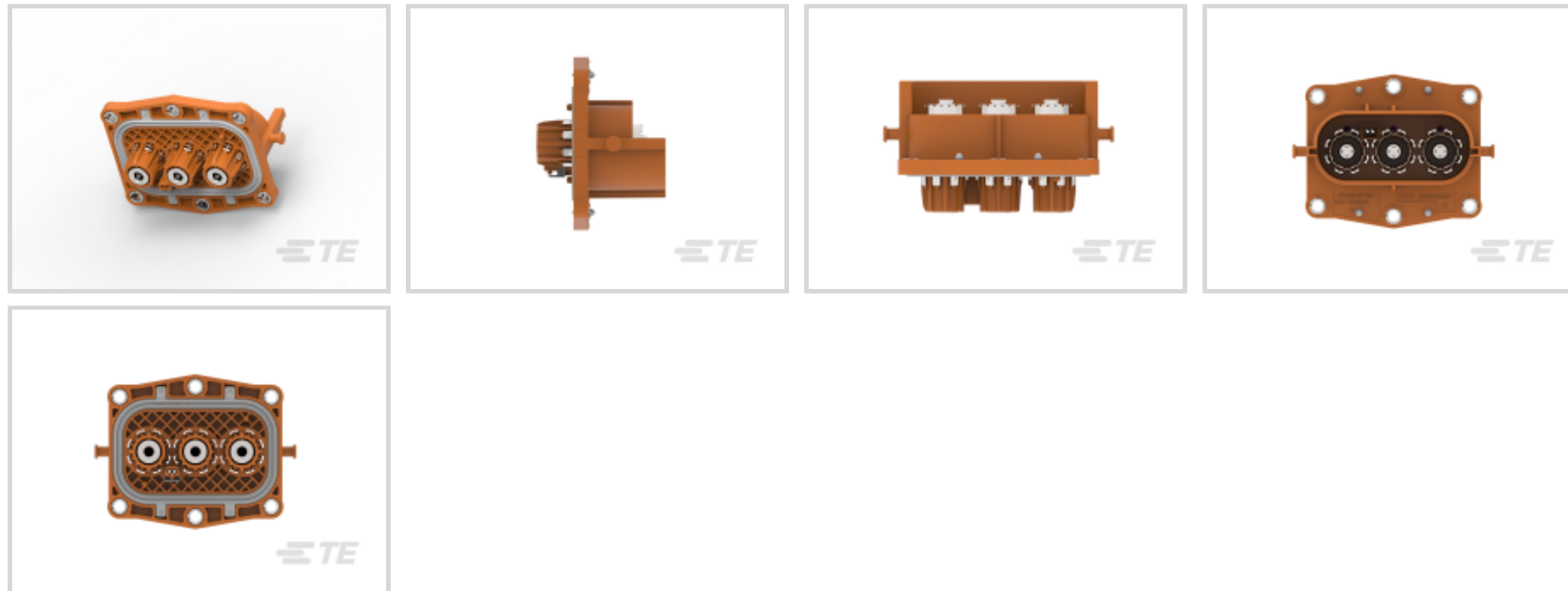
TE Internal #: 2141230-1

PCB Mount Header, Wire-to-Board / Wire-to-Device, 3 Position, 23 mm [.905 in] Centerline, Fully Shrouded, Sealable, AMP+ HVP800

[View on TE.com >](#)



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



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

Number of Positions: **3**

Centerline (Pitch): **23 mm [.905 in]**

Sealable: **Yes**

Number of Rows: **1**

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

Features

Product Type Features

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

Configuration Features

Number of Positions	3
Number of Rows	1

Body Features

Connector & Keying Code	A
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Contact Features

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

Mating Alignment	With
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Housing Features

Centerline (Pitch)	23 mm[.905 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]
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Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]
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Operation/Application

Shielded	Yes
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Industry Standards

Degree of Protection	IP6K9K
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UL Flammability Rating	UL 94HB
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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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 # 1-2141166-1
3POS,8MM HV,REC HSG,90DEG,ASSY, SEALED



TE Part # YH800-3P-180-50M-A
HVP800-3phi XE,180,50sqmm,Key A




TE Part # YHV800-3P-90-50M-A
HVP800-3phi XE,90,50sqmm,Key A

TE Part # 2141228-1
3POS,PIN DIA 8.0,PIN HSG,90,SEALED

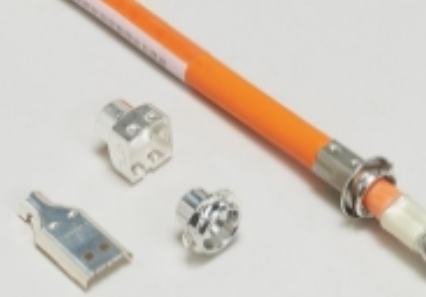
TE Part # 2141229-1
RADIAL SEAL 79.4 X 50

TE Part # 2177966-1
2. LOCK,IL

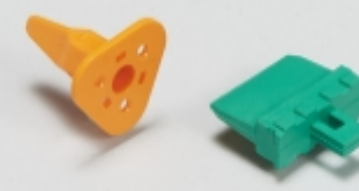
Also in the Series | AMP+ HVP800




Automotive Connector Caps & Covers (11)



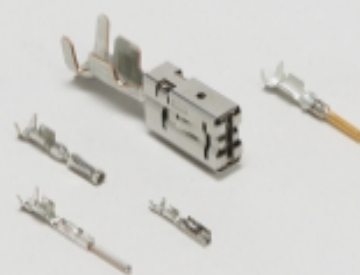
Automotive Connector EMC Shielding (10)




Automotive Connector Locks & Position Assurance(1)




Automotive Housings(56)



Automotive Terminals(7)



Connector Seals & Cavity Plugs(5)



Electric, Hybrid & Fuel Cell Cable Assemblies(79)



High Voltage Wire Processing Equipment(24)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(44)

Customers Also Bought



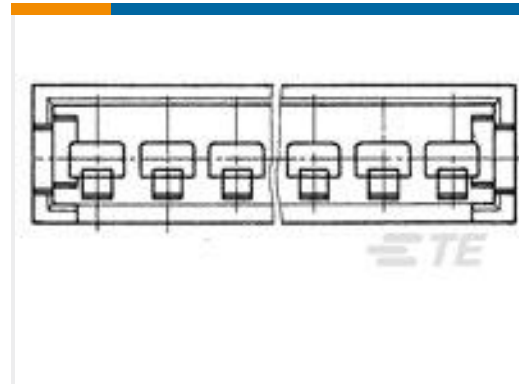
TE Part #DT12P-DC
PROTECT CVR, 12P, REC, GRY, DT



TE Part #1462052-6
HF6 56=50OHM140MW12V MONO



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



TE Part #280629
AMPMODU II COSI PIN HSG, SGL ROW, 4 POS.



TE Part #2103149-1
PLUG, HVIL ONLY, KEY A, HVA280-2PHI



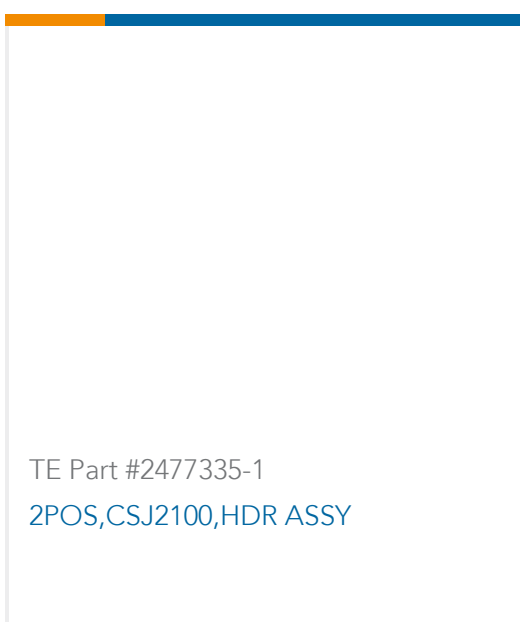
TE Part #2177090-2
STEEL, OUTER FERRULE, 8MM HV, 35SQMM



TE Part #1-2286949-5
3POS, HVP800, 90 DEG, 50 SQMM, COD A



TE Part #2454627-1
2POS, CSJ1800, HDR ASSY, COD A, UNSHIELDED



TE Part #2477335-1
2POS, CSJ2100, HDR ASSY

Documents

Product Drawings

3POS, PIN DIA 8.0, PIN HSG, ASSY, SLD

German

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2141230-1_D.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2141230-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2141230-1_D.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