

5-2324108-4 ✓ ACTIVE

AMP+ HVP800

TE Internal #: 5-2324108-4

AMP+ HVP800, PCB Mount Header, Vertical, Wire-to-Panel, 1 Position, Fully Shrouded, Silver (Ag), Through Hole - Press-Fit, Sealable, Power, Orange

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Connectors > PCB Connectors > PCB Connector Headers & Receptacles



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

Number of Positions: 1

Sealable: **Yes**

PCB Mount Orientation: **Vertical**

Number of Rows: 1

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Header Type	Fully Shrouded
Connector System	Wire-to-Panel
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
PCB Mount Orientation	Vertical
Number of Rows	1

Body Features

Primary Product Color	Orange
Connector Code	D

Contact Features

Contact Type	Pin
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Mating Pin Diameter	8 mm[.314 in]
Contact Mating Area Plating Material	Silver (Ag)
Contact Current Rating (Max)	200 A

Termination Features

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

Mating Alignment	With
Panel Mount Feature	With
Connector Mounting Type	Panel Mount

Dimensions

Connector Length	69 mm[2.716 in]
Connector Width	50 mm[1.968 in]

Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
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Operation/Application

Circuit Application	Power
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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: JUL 2021 (219) Not Yet Reviewed
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

 <p>TE Part # 1-2299123-4 1POS,P2P,SOC HSG ASSY,180DEG, CODD,UL94V0</p>	 <p>TE Part # 1-2324086-4 1POS,P2P,SOC HSG ASSY,180DEG, CODD,50SQMM</p>	 <p>TE Part # 1-2324136-4 1POS,P2P,SOC HSG ASSY,90DEG, COD D,35SQMM</p>	 <p>TE Part # 2-2324086-4 1POS,P2P,SOC HSG ASSY,180DEG, CODD,50SQMM</p>
 <p>TE Part # 2-2324136-4 1POS,P2P,SOC HSG ASSY,90DEG, COD D,25SQMM</p>	 <p>TE Part # 2299123-4 1POS,P2P,SOC HSG ASSY,180DEG, CODD,UL94V0</p>	 <p>TE Part # 2324086-4 1POS,P2P,SOC HSG ASSY,180DEG, CODD,50SQMM</p>	 <p>TE Part # 2324136-4 1POS,P2P,SOC HSG ASSY,90DEG, COD D,50SQMM</p>
 <p>TE Part # 2324138-4 1POS,P2P,SOC HSG KIT,90DEG,UL94 V0</p>	 <p>TE Part # 3-2324086-4 1POS,P2P,SOC HSG ASSY,180DEG, CODD,50SQMM</p>	 <p>TE Part # 4-2324086-4 1POS,P2P,SOC HSG ASSY,180DEG, CODD,50SQMM</p>	 <p>TE Part # 5-2324086-4 1POS,P2P,SOC HSG ASSY,180DEG, CODD,50SQMM</p>
<p>TE Part # 2177378-3 COMPRESSION DELIMITER</p>	<p>TE Part # 2301385-1 HDR CVR,1POS,P2P</p>	<p>TE Part # 2302629-1 FINGER PROT CAP,8MM HV,90DEG, UL94V0,BLK</p>	<p>TE Part # 2302631-1 TPA SOC HSG,1POS,UL94V0</p>

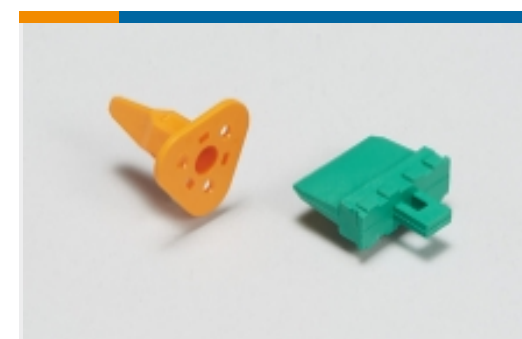
Also in the Series | **AMP+ HVP800**



Automotive Connector Caps & Covers (11)



Automotive Connector EMC Shielding (10)



Automotive Connector Locks & Position Assurance(1)



Automotive Housings(103)



Automotive Seals & Cavity Plugs(5)



Automotive Terminals(5)



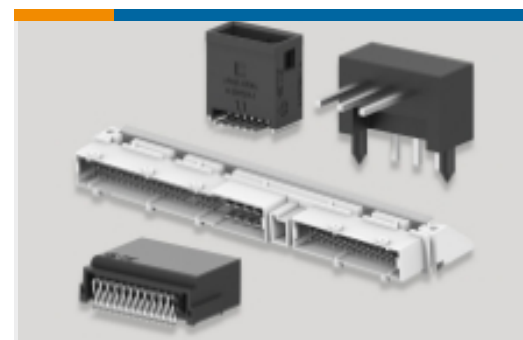
Electric, Hybrid & Fuel Cell Cable Assemblies(10)



High Voltage Wire Processing Equipment(25)



Other Automotive Connector Accessories(1)



PCB Connector Headers & Receptacles (56)

Customers Also Bought



TE Part #1-1827864-2
DYNAMIC 1200D REC HSG 4P X BLACK



TE Part #1719826-6
SINGLE WIRE SEAL,8MM HV



TE Part #1-1991225-6
PROTECTIVE COVER. IPT 16-50mm sq. CABLE D



TE Part #1-2324136-5
1POS,P2P,SOC HSG ASSY,90DEG, COD E,35SQMM



TE Part #1-2324136-6
1POS,P2P,SOC HSG ASSY,90DEG, COD F,35SQMM



TE Part #2-2324086-3
1POS,P2P,SOC HSG ASSY,180DEG, CODC,50SQMM



TE Part #5-2324108-3
1POS,PIN DIA 8.0,HDR ASSY,COD C



TE Part #5-2324108-5
1POS,PIN DIA 8.0,HDR ASSY,COD E



Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5-2324108-4_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-2324108-4_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-2324108-4_A.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

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English