

1-2141230-2 ✓ ACTIVE

AMP+ HVP800

TE Internal #: 1-2141230-2

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

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Connectors > PCB Connectors > PCB Headers & Receptacles > Low & Medium Power Header



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

Number of Positions: **3**

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

Sealable: **Yes**

PCB Mount Orientation: **Horizontal**

[All Low & Medium Power Header \(143\)](#)

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-Device
Sealable	Yes

Configuration Features

Number of Positions	3
PCB Mount Orientation	Horizontal
Number of Rows	1

Body Features

Primary Product Color	Orange
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Connector & Keying Code	B
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Contact Features

Contact Size	8mm
Contact Type	Pin
Mating Pin Diameter	8 mm
Contact Mating Area Plating Material	Silver

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]
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

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) Not Yet Reviewed
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 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



TE Part # CAT-M4595-T273
MCON Receptacle and Tab



TE Part # 1-2141166-1
3POS,8MM HV,REC HSG,90DEG,ASSY,
SEALED




TE Part # 1-2141166-2
3POS,8MM HV,REC HSG,90DEG,ASSY,
SEALED




TE Part # 9-2208100-1
PROTEC. COVER 8MM HV,2POS
PINHEADER

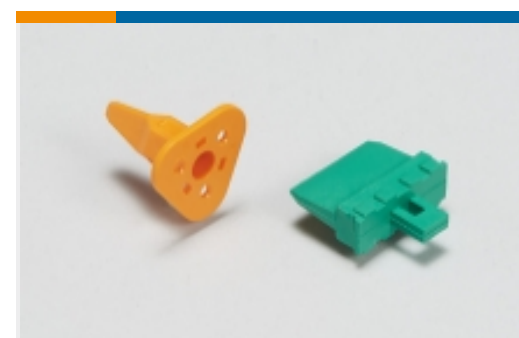
Also in the Series | AMP+ HVP800




Automotive Connector Caps & Covers
(11)




Automotive Connector EMC Shielding
(10)




Automotive Connector Locks &
Position Assurance(1)




Automotive Housings(56)



Automotive Terminals(7)



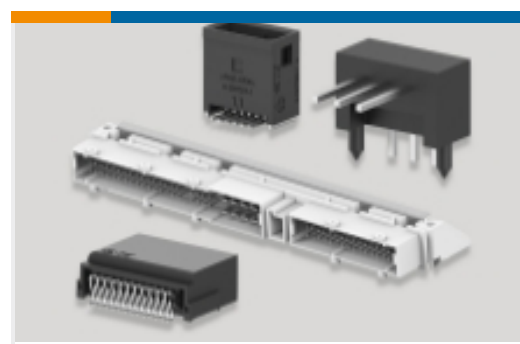
Connector Seals & Cavity Plugs(5)



Electric, Hybrid & Fuel Cell Cable
Assemblies(79)

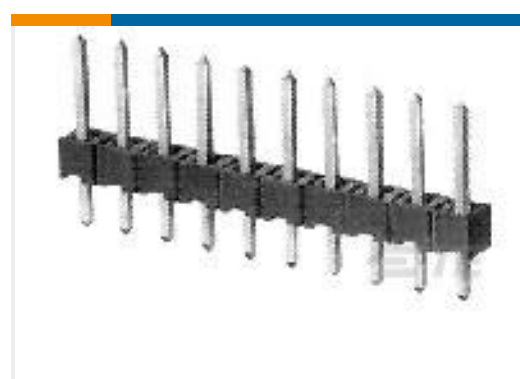


High Voltage Wire Processing
Equipment(24)

Other Automotive Connector
Accessories(1)

PCB Headers & Receptacles(44)

Customers Also Bought

TE Part #5-338169-2
15P HDP20 PLUG ASSYTE Part #1-928776-3
MOD2 STIFT M A-PINTE Part #104809-4
05 MTE HDR SRST LATCH W/HLDWNTE Part #104809-6
07 MTE HDR SRST LATCH W/HLDWNTE Part #1725761-1
KIT,SEATING TOOL, 1X4TE Part #826938-4
4P AMPMODU II STIFT LEITE Part #1-1676955-6
3621D 2200UH 10%

Documents

Product Drawings

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

German

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-2141230-2_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2141230-2_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2141230-2_D.3d_stp.zip](#)

English

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[Product Specifications](#)

[Application Specification](#)

English