

# 2POS,PIN DIA 8.0,PIN HSG,ASSY,SLD ✓ ACTIVE

AMP+ HVP800

TE Part # 1-2141227-2

TE Internal #: 1-2141227-2

LOW & MEDIUM POWER HEADER

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Connectors > Automotive, Truck, Bus, & Off-Road Connectors > PCB Headers > LOW & MEDIUM POWER HEADER



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

Number of Positions: 2

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

Sealable: **Yes**

Number of Rows: 1

[All LOW & MEDIUM POWER HEADER \(188\)](#)

## Features

### Product Type Features

Shielded	Yes
Hybrid Header	No
Connector System	Wire-to-Device
Sealable	Yes

### Configuration Features

Number of Positions	2
Number of Rows	1

### Contact Features

Pin Diameter	8 mm[.314 in]
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### Housing Features

Centerline (Pitch)	11.5 mm[.452 in]
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### Usage Conditions

Operating Temperature (Max)	100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °
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C, 140 °C, 70 °C, 80 °C, 85 °C, 90 °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]

### Industry Standards

Degree of Protection

IP6K9K

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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: JAN 2019  
(197)  
Candidate List Declared Against: JUN 2016  
(169)

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



TE Part # 9-2208101-1  
PROTEC. COVER 8MM HV,  
3POS PINHEADER




TE Part # 2-2286713-1  
2POS,8MM HV,REC HSG,  
90DEG,ASSY,SEALED

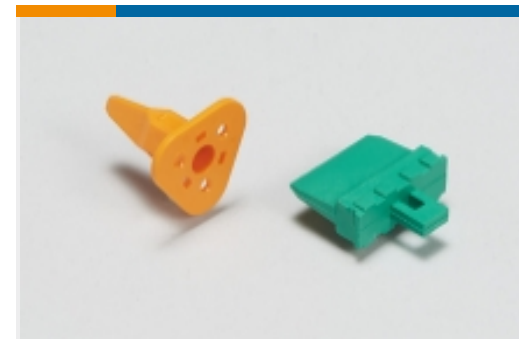
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Automotive Connector  
Caps & Covers(11)




Automotive Connector  
EMC Shielding(11)




Automotive Connector  
Locks & Position Assurance  
(1)




Automotive Seals & Cavity  
Plugs(5)



Automotive, Truck, Bus, &  
Off-Road Headers(27)




Automotive, Truck, Bus, &  
Off-Road Housings(29)



Automotive, Truck, Bus, &  
Off-Road Terminals(6)



Electric, Hybrid & Fuel Cell  
Cable Assemblies(10)



Other Automotive  
Connector Accessories(1)

Customers Also Bought



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



TE Part #1-2282265-3  
5POS,HVA,630,PIGTAIL,  
HYB ASSY



TE Part #165296  
SOLIS DIN 1.5-2.5 R M3.5



TE Part #2141155-4  
PROTEC. COVER 8MM HV,  
90DEG



## Documents

### Product Drawings

2POS,PIN DIA 8.0,PIN HSG,ASSY,SLD

German

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2141227-2\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2141227-2\\_C.3d\\_igs.zip](#)

English

Customer View Model

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English

### Product Specifications

Application Specification

English

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