

1-2141227-1 ✓ ACTIVE

AMP+ | AMP+ HVP800

TE Internal #: 1-2141227-1

Wire-to-Device, 2 Position, 1 Rows, 11.5mm [.452in] Centerline,
Sealable, Operating Temperature Range -40 – 140 °C [-40 – 284 °F],
AMP+ HVP800

[View on TE.com >](#)



Automotive Parts > Automotive Connectors > Automotive Headers > Low & Medium Power Header



Sealable: **Yes**

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

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

Number of Positions: **2**

Number of Rows: **1**

[All Low & Medium Power Header \(64\)](#)

Features

Product Type Features

Mixed & Hybrid Header	No
Header Type	Fully Shrouded
Connector Shape	Rectangular
Connector Product Type	Housing
Sealable	Yes
Connector System	Wire-to-Device

Configuration Features

Number of Positions	2
Number of Rows	1

Body Features

Connector & Keying Code	A
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Contact Features



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

Mating Alignment	With
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Housing Features

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

Operating Temperature (Max)	125 °C [212 °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

IP Rating	IP6K9K
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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: JAN 2025 (247) Candidate List Declared Against: JAN 2024 (240) 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 # 1-2286937-6
2POS,HVP800,180 DEG,50 SQMM,
COD A,CS



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



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



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

Also in the Series | AMP+ HVP800



Automotive E-Mobility Headers(2)



Automotive Housings(25)

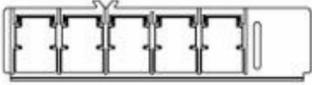


Electric, Hybrid & Fuel Cell Cable
Assemblies(13)

Customers Also Bought



TE Part #173681-1
040 MLC REC CONTACT



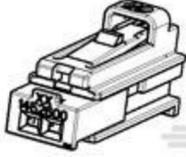
TE Part #787439-1
BATT INT,INSERT ASSY,5P,12.0V



TE Part #1241396-1
AMP MCP 2.8K, CONTACT, SWS



TE Part #1394512-1
EINZELLEITDICHTG,BL



TE Part #1452598-1
2 POS. GET FEMALE ASSY



TE Part #1924968-7
CONTACT, MALE 0.64, .13SQMM



TE Part #2035170-4
CONTACT,FEMALE, 0.64, 0.35SQMM,
CUNISI



TE Part #2138558-1
2P GENERATION Y Cap, Single-Pi



Documents

Product Drawings

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

German

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-2141227-1_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2141227-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2141227-1_D.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English