

AMP+ HVP800

AMP+ HVP800 , Housing for female terminals, Wire-to-Wire, 2
Position, Sealable, Orange, Power

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Connectors > Automotive, Truck, Bus, & Off-Road Connectors > Connector Housings



Connector Style: **Housing for female terminals**

Mating Pin Diameter: **8 mm [.314 in]**

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

Number of Positions: **2**

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

Features

Product Type Features

Connector Style	Housing for female terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Connector & Contact Terminates To	Wire & Cable
Strain Relief	No

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	650 V
Operating Voltage	650 VDC

Body Features

Cable Exit Angle	90°
Body Material	PA GF



Color	Orange
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Contact Features

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

Terminal Position Assurance	No
Mounting Feature	Without
Polarized	Yes

Housing Features

Centerline (Pitch)	23 mm[.905 in]
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Dimensions

Height	55.7 mm[2.19 in]
Length	83 mm[3.26 in]
Width	93.9 mm[3.69 in]

Usage Conditions

Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

Degree of Protection	IP6K9K
Agency/Standard	LV214

Packaging Features

Packaging Method	Carton
Packaging Quantity	18

Other

Serviceable	No
Connector Position Assurance Capable	Yes

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: JAN 2019 (197) Candidate List Declared Against: JUN 2018 (191)
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

Automotive Connector Caps & Covers(4)

Automotive Connector EMC Shielding(2)

Automotive Connector Locks & Position Assurance (1)

Automotive Seals & Cavity Plugs(3)

Automotive, Truck, Bus, & Off-Road Headers(2)

Automotive, Truck, Bus, & Off-Road Terminals(2)

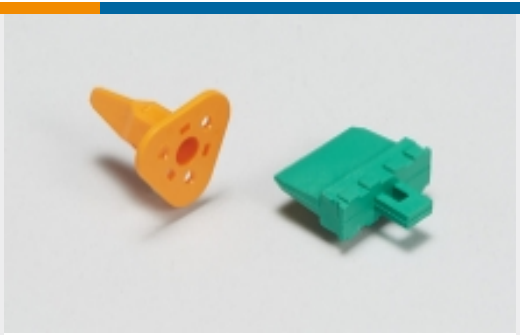
Also in the Series | AMP+ HVP800



Automotive Connector Caps & Covers(11)



Automotive Connector EMC Shielding(11)



Automotive Connector Locks & Position Assurance (1)



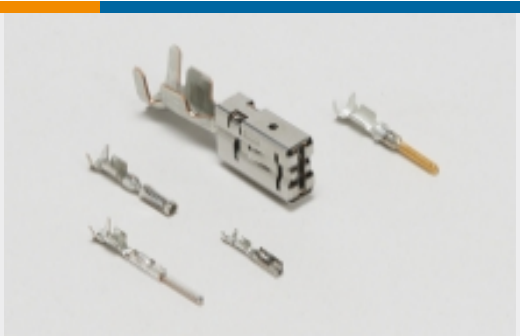
Automotive Seals & Cavity Plugs(5)



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



TE Part #9-2141157-1
SHIELD CRIMP FERRULE,
90DEG



TE Part #9-2141157-2
SHIELD CRIMP FERRULE,
90DEG



TE Part #2141156-1
SWS,8MM HV,WHT,50
SQMM



TE Part #2141211-2
8MM HV,TERMINAL,F-
CRIMP



TE Part #2141212-1
8MM HV,SOCKET PIN
TERMINAL



TE Part #2141159-1
FINGER PROT CAP 8MM
HV,90DEG



TE Part #9-2141158-2
CU ALLOY,SHIELD,8MM
HV,CONN HSG,90 DEG



Documents

Product Drawings

2POS,8MM HV,REC HSG,90DEG,ASSY,SEALED

German

2POS,8MM HV,REC HSG,90DEG,ASSY,SEALED

German

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2141154-1_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2141154-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2141154-1_E.3d_stp.zip

English

Product Specifications

Application Specification

English