# 2324086-2 ✔ ACTIVE

AMP+ HVP800

TE Internal #: 2324086-2

AMP+ HVP800, Housing for Female Terminals, 1 Position, Sealable, Orange, Wire & Cable, 200A Contact Current Rating (Max), Power & Signal, Panel Mount

View on TE.com >

Connectors > Automotive Connectors > Connector Housings







Connector & Housing Type: **Housing for Female Terminals**

Mating Pin Diameter: **8 mm**

Number of Positions: **1**

Sealable: **Yes**

Hybrid Connector: **Yes**

## Features

### Product Type Features

| | |
|---|---|
| Connector & Housing Type | Housing for Female Terminals |
| Sealable | Yes |
| Hybrid Connector | Yes |
| Primary Locking Feature | Locking Lance |
| Connector & Contact Terminates To | Wire & Cable |

### Configuration Features

| | |
|---|---|
| Blank Cavity Position | 1 |
| Number of Positions | 1 |
| Number of Rows | 1 |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 850 VDC |
| Nominal Voltage Architecture | 850 V |

### Body Features

| | |
|---|---|
| Cable Exit Angle | 180° |

| | |
|---|---|
| Body Material | PA |
| Primary Product Color | Orange |
| Connector Code | 1 |

### Contact Features

| | |
|---|---|
| Mating Pin Diameter | 8 mm |
| Contact Current Rating (Max) | 200 A |

### Mechanical Attachment

| | |
|---|---|
| Mounting Feature | With |
| Terminal Position Assurance | Yes |
| Mating Alignment Type | Polarized |
| Connector Mounting Type | Panel Mount |

### Dimensions

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|---|---|
| Product Width | 59 mm |
| Product Length | 102 mm |
| Product Height | 60.45 mm |

### Usage Conditions

| | |
|---|---|
| Operating Temperature (Max) | 140 °C |
| Operating Temperature Range | -40 – 140 °C |

### Operation/Application

| | |
|---|---|
| Circuit Application | Power & Signal |

### Industry Standards

| | |
|---|---|
| Agency/Standard | LV214 |
| Degree of Protection | IP2XB |
| UL Flammability Rating | UL 94V-0 |

### Packaging Features

| | |
|---|---|
| Packaging Method | Box |

## 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 2021 (211)<br>Not Yet Reviewed |
| Halogen Content | Not Yet Reviewed for halogen content |
| Solder Process Capability | Not reviewed for solder process capability |

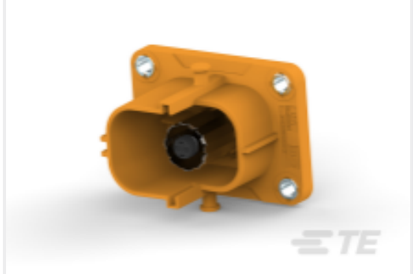
Product Compliance Disclaimer

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.

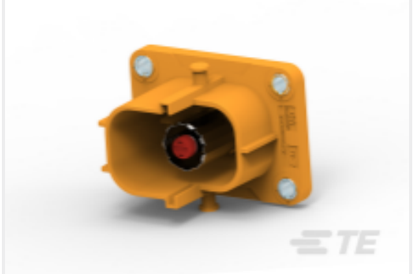
## Compatible Parts



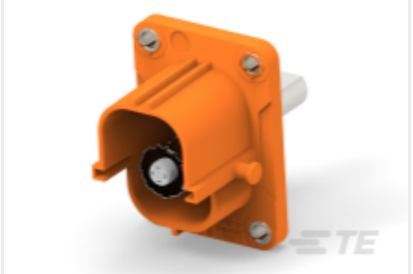
TE Part # 2-2324108-2
1POS,PIN DIA 8.0,HDR ASSY,COD B



TE Part # 2324108-1
1POS,P2P,HDR ASSY,COD A,UL94V-0



TE Part # 2324108-2
1POS,PIN DIA 8.0,HDR ASSY,COD B



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



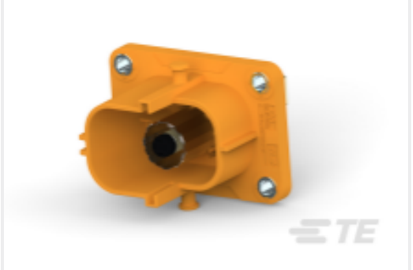
TE Part # 2324108-4
1POS,PIN DIA 8.0,HDR ASSY,COD D



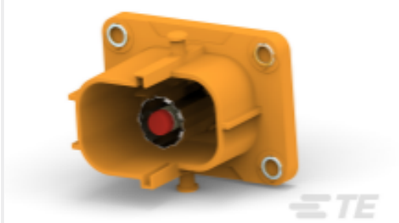
TE Part # 2324108-5
1POS,PIN DIA 8.0,HDR ASSY,COD E



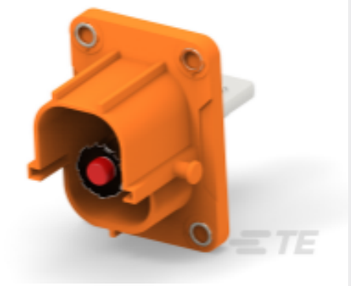
TE Part # 2324108-6
1POS,PIN DIA 8.0,HDR ASSY,COD F



TE Part # 4-2324108-1
1POS,P2P,HDR ASSY,COD A,UL94V-0



TE Part # 4-2324108-2
1POS,PIN DIA 8.0,HDR ASSY,COD B



TE Part # 5-2324108-2
1POS,PIN DIA 8.0,HDR ASSY,COD B

TE Part # 1-2324108-1
1POS,P2P,HDR ASSY,COD A,UL94V-0

TE Part # 1-2324108-2
1POS,PIN DIA 8.0,HDR ASSY,COD B

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

TE Part # 1-2324108-4
1POS,PIN DIA 8.0,HDR ASSY,COD D

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

TE Part # 1-2324108-6
1POS,PIN DIA 8.0,HDR ASSY,COD F

TE Part # 1-2324108-7
1POS,P2P,HDR ASSY,COD A,UL94V-0

TE Part # 2324108-7
1POS,P2P,HDR ASSY,COD A,UL94V-0

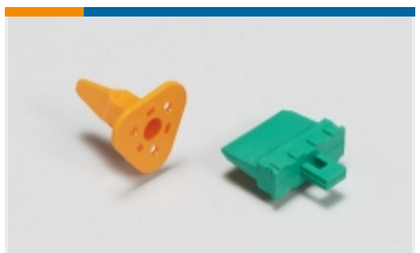
## Also in the Series | AMP+ HVP800



Automotive Connector Caps & Covers (11)



Automotive Connector EMC Shielding (11)



Automotive Connector Locks & Position Assurance(1)



Automotive Headers(56)



Automotive Housings(103)



Automotive Seals & Cavity Plugs(5)



Automotive Terminals(5)



Electric, Hybrid & Fuel Cell Cable Assemblies(10)



High Voltage Wire Processing Equipment(24)



Other Automotive Connector Accessories(1)

## Customers Also Bought



TE Part #936511-7
MULTILOCK, CONNECTOR HOUSING



TE Part #2303272-1
FINGER PROT CAP,8MM HV,90DEG, UL94V0



TE Part #2307011-1
CU ALLOY,FERRULE,8MM HV,90DEG, 50 SQMM



TE Part #2307011-2
CU ALLOY,FERRULE,8MM HV,90DEG, 35 SQMM



TE Part #2310488-2
PROTECTION COVER, V0



TE Part #2322122-2
HVP800 2P HEADER ASSY



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



TE Part #2836627-1
OCEAN-2.0-APPLICATOR-S-63F94F



TE Part #2836915-1
OCEAN-2.0-APPLICATOR-S-062F080O



TE Part #2837147-1
OCEAN-2.0-APPLICATOR-S-095F113OV

## Documents

### Product Drawings

1POS,P2P,SOC HSG ASSY,180DEG,CODB,50SQMM

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2324086-2_B.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_2324086-2_B.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_2324086-2_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

## Product Specifications

### Application Specification

English