

# 1587831-4 Product Details

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1587831-4

TE Internal Number: 1587831-4  
Active

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## Hybrid & Electric Mobility Solutions

Always EU RoHS/ELV Compliant (Statement of Compliance)

### Product Highlights:

- AMP+ HVA280 Product Line
- Applies To Wire/Cable
- Wire-to-Device / Wire-to-Wire
- Connector
- Header

[View all Features](#)

### Quick Links

- ▶ Pricing & Availability
- ▶ Search for Tooling
- ▶ Product Feature Selector
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## Documentation & Additional Information

### Product Drawings:

- [HVA 280 2P HEADER ASSY W/HVIL CHART DRAWING \(PDF, English\)](#)

### Catalog Pages/Data Sheets:

- None Available

### Product Specifications:

- None Available

### Application Specifications:

- None Available

### Instruction Sheets:

- [HVA280 Header Sealed 2-Position High-Voltage Connect... \(PDF, English\)](#)

### CAD Files: (CAD Format & Compression Information)

- [2D Drawing \(DXF, Version D\)](#)
- [3D Model \(IGES, Version D\)](#)
- [3D Model \(STEP, Version D\)](#)

[List all Documents](#)

### Related Products:

- [Tooling](#)

## Product Features (Please use the Product Drawing for all design activity)

### Product Type Features:

- Product Line = AMP+ HVA280
- Product Type = Connector
- Connector Type = Header
- Option = With HVIL
- Key Type = D
- Sealed = Yes

### Mechanical Attachment:

- Shield Style = Header Shield
- Connector Position Assurance = Without

### Electrical Characteristics:

- Shielded = Yes
- Voltage Rating (Max.) (VDC) = 600
- Current Rating, Max. (A) = 27 A @ 125° C, 40 A @ 85° C

### Body Features:

- O-Ring Material = Viton Rubber
- Wire Type = Discrete

### Contact Features:

- Tab Contact Size = 2.8
- Contact Type = Blade, Receptacle

### Housing Features:

- Connector Style = Receptacle
- High Voltage Interlock = With
- Mating Alignment = With
- Mating Alignment Type = Keying System

### Configuration Features:

- Number of Positions = 2

### Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- [RoHS/ELV Compliance History](#) = Always was RoHS compliant
- [Vibration Profile](#) = USCAR-2 (Body Profile)

### Identification Marking:

- Key Identifier = D

### Environmental:

- Operating Temperature (°C [°F]) = -40 - +125 [-40 - +257]

### Conditions for Usage:

- Applies To = Wire/Cable
- For Use With = 2.8mm AMP MCP Contact System

### Operation/Application:

- Application Use = Wire-to-Device / Wire-to-Wire
- Application = High Voltage Accessory (HVA) / Device Interconnect

### Other:

- Brand = TE Connectivity

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- [Product Cross Reference](#)
- [Documents & Drawings](#)
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