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### 1587902-9 Product Details



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# Hybrid & Electric Mobility Solutions

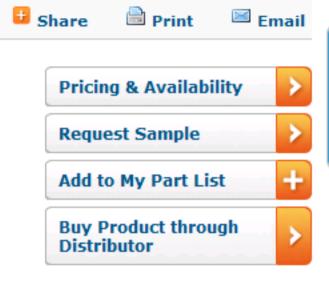
Plug Pig Tail Assy, HV, HVA280 2P

1587902-9

TE Internal Number: 1587902-9

#### Product Highlights View All

- AMP+ HVA280 Product Line
- Applies To Wire/Cable · Wire-to-Device, Wire-to-Wire
- Cable Assembly
- Cable Assembly Type = Plug Pigtail



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## Documents

Features

Compliance

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**Product Type Features** 

Use the Product Drawing for all design activity

	AMD : H)/A280		
Product Line	AMP+ HVA280		
Product Type	Cable Assembly		
Cable Assembly Type	Plug Pigtail		
Wire Size (mm² [AWG])	3		
Cable Seal Color	Rust Red		
Кеу Туре	A		
Sealed	Yes		
Mechanical Attachment			
Mating Retention Type	Latch(ing)		
Connector Position Assurance	Without		
Electrical Characteristics			
Voltage Rating (Max.) (VDC)	600		
	600 27 A @ 125° C, 40 A @ 85° C		
(VDC) Current Rating, Max.	27 A @ 125° C, 40 A @		
(VDC) Current Rating, Max. (A)	27 A @ 125° C, 40 A @		
(VDC) Current Rating, Max. (A)  Body Features	27 A @ 125° C, 40 A @ 85° C		
(VDC) Current Rating, Max. (A)  Body Features Mating Retention	27 A @ 125° C, 40 A @ 85° C		
(VDC) Current Rating, Max. (A)  Body Features Mating Retention Ferrule Type	27 A @ 125° C, 40 A @ 85° C  With  Inner, Outer		
Current Rating, Max. (A)  Body Features  Mating Retention  Ferrule Type  Wire Type	27 A @ 125° C, 40 A @ 85° C  With  Inner, Outer		
Current Rating, Max. (A)  Body Features  Mating Retention  Ferrule Type  Wire Type  Contact Features	27 A @ 125° C, 40 A @ 85° C  With  Inner, Outer  Discrete		
Current Rating, Max. (A)  Body Features  Mating Retention  Ferrule Type  Wire Type  Contact Features  Terminal Type	27 A @ 125° C, 40 A @ 85° C  With  Inner, Outer  Discrete		
Current Rating, Max. (A)  Body Features  Mating Retention  Ferrule Type  Wire Type  Contact Features  Terminal Type	27 A @ 125° C, 40 A @ 85° C  With  Inner, Outer  Discrete		
Current Rating, Max. (A)  Body Features  Mating Retention  Ferrule Type  Wire Type  Contact Features  Terminal Type  Contact Type	27 A @ 125° C, 40 A @ 85° C  With  Inner, Outer  Discrete		
Current Rating, Max. (A)  Body Features  Mating Retention  Ferrule Type  Wire Type  Contact Features  Terminal Type  Contact Type  Housing Features	27 A @ 125° C, 40 A @ 85° C  With Inner, Outer Discrete  Socket Receptacle		

Configuration Features	;
Number of Positions	2
Shielded	Yes
Shield Style	EMI Shield
Industry Standards	Doug compliant FIV
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
Degree of Protection	IP67 Mated, IP2xB Unmated, IP6K9K Mated
Vibration Profile	USCAR-37 (Body Profile), USCAR-2 (Body Profile)

USCAR-2 (Body Profile)

Identification Marking					
Key Identifier	А				
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					

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