



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

Pricing & Availability 

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Documents

Features

Compliance

Please Note:

Use the Product Drawing for all design activity

Product Type Features

Product Line	AMP+ HVA280
Product Type	Cable Assembly
Cable Assembly Type	Plug Pigtail
Wire Size (mm ² [AWG])	3
Cable Seal Color	Rust Red
Key Type	A
Sealed	Yes

Mechanical Attachment

Mating Retention Type	Latch(ing)
Connector Position Assurance	Without

Electrical Characteristics

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

Body Features

Mating Retention	With
Ferrule Type	Inner, Outer
Wire Type	Discrete

Contact Features

Terminal Type	Socket
Contact Type	Receptacle

Housing Features

High Voltage Interlock	With
Mating Alignment	With
Mating Alignment Type	Keying System

Configuration Features

Number of Positions	2
Shielded	Yes
Shield Style	EMI Shield

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
Degree of Protection	IP67 Mated, IP2xB Unmated, IP6K9K Mated
Vibration Profile	USCAR-37 (Body Profile), USCAR-2 (Body Profile)

Identification Marking

Key Identifier	A
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Environmental

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