



Part Number : [PA5SD11J](#)

Product Description : AirBorn PowerAmp Series, Rectangular Receptacle, Plastic, Power, Through Hole, Vertical, Fixed Jackset, 0.172" Tail Length, 5 Circuits

Status : Active

Product Category : Board-to-Board Connectors

Documents and Resources

Specifications

[Materials Specification](#)

[Performance Specification](#)

[Solder Cup Adapter Sleeve, Coax Removal Tool, Extension Nuts](#)

[Nut Spanner Wrenches, Insertion & Removal Tools, Crimp Tools & Positioners](#)

[Hardware Availability \(pg 1\)](#)

[Hardware Availability \(pg 2\)](#)

[Polarizing Pin Applications](#)

[Dimensional Information \(5, 4-5\)](#)

[Part Number Buildup \(4, 4-5\)](#)

Part Details

General

Status	Active
Category	Board-to-Board Connectors
Description	AirBorn PowerAmp Series, Rectangular Receptacle, Plastic, Power, Through Hole, Vertical, Fixed Jackset, 0.172" Tail Length, 5 Circuits
Application	Board-to-Board, Wire-to-Board
Component Type	Receptacle
Contact Type	Socket
Product Name	AirBorn PowerAmp Series

Series	PowerAmp Series
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Electrical

Current - Maximum per Contact	13.0A, 23.0A
Voltage - Maximum	1000V

Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Gray
Durability (mating cycles max)	500
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Locking Type	Fixed Jackset
Material - Metal	Beryllium Copper
Material - Plating Mating	Gold
Material - Shell	Polyphenylene Sulfide
Number of Rows	2
Orientation	Vertical
Packaging Type	Carton, Tray
PCB Retention	No
PC Tail Length	0.172"
Pitch - Mating Interface	0.225" (5.70mm)
Pitch - Termination Interface	0.225" (5.70mm)
Plating min - Mating	20μ"
Polarized to Mating Part	No
Stackable	No
Temperature Range - Operating	-65° to +125°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description
<u>Rectangular, Plastic, Power, Vertical Board or Cable Mount Plug</u>