



Part Number : [PA10SD11J-D01](#)

Product Description : AirBorn PowerAmp Series, Rectangular Receptacle, Plastic, Power, Through Hole, Vertical, Fixed Jackset, 0.172" Tail Length, 10 Circuits

Status : Active

Product Category : Board-to-Board Connectors



Documents and Resources

Specifications

[Dimensional Information \(10 Contacts\)](#)

[Part Number Buildup \(10 Contacts\)](#)

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, 10 Circuits
Application	Board-to-Board, Wire-to-Board
Comments	Pretinned contact terminations (except solder cups, wire wraps, and flex contacts) with 63/37 or 60/40 solder
Component Type	Receptacle
Contact Type	Socket
Product Name	AirBorn PowerAmp Series
Series	PowerAmp Series

Electrical

Current - Maximum per Contact	23.0A
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Voltage - Maximum	1000V
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Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
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/Right Angle Board or Cable Mount Plug</u>

