



Part Number : [RM252-050-321-6600](#)
Product Description : AirBorn R Series, Rectangular Board Mount Plug, Right-Angle, Plastic Body, Dual Row, 0.075"/1.91mm Pitch, Through Hole, 0.140" Tail Length, Slotted Two Turning Jackscrews, Gold Termination, 50 Circuits
Status : Active
Product Category : Board-to-Board Connectors

Documents and Resources

- Specifications**
- [Materials Specification - R Series](#)
 - [Performance Specification](#)
 - [PC Board Layout](#)
 - [Hardware Polarization](#)
 - [Contacts \(2 & 3 Row\)](#)
 - [Hardware Information \(#2-56 Jacksets\)](#)
 - [Hardware Information \(Guide Sets\)](#)
 - [Dimensional Information](#)
 - [Part Number Buildup](#)
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Part Details

General

Status	Active
Category	Board-to-Board Connectors
Description	AirBorn R Series, Rectangular Board Mount Plug, Right-Angle, Plastic Body, Dual Row, 0.075"/1.91mm Pitch, Through Hole, 0.140" Tail Length, Slotted Two Turning Jackscrews, Gold Termination, 50 Circuits
Application	Board-to-Board, Wire-to-Board

Comments	Through Hole
Component Type	Plug
Contact Type	Pin
Product Name	AirBorn R Series
Series	R Series

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	750V

Physical

Breakaway	No
Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Gray
Durability (mating cycles max)	500
Glow-Wire Capable	No
Guide to Mating Part	No
Hardware Details	Slotted Two Turning Jackscrews, 0.490"
Keying to Mating Part	No
Lock to Mating Part	Yes
Locking Type	Slotted Two Turning Jackscrews
Material - Metal	Beryllium Copper, Brass Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Shell	Polyphenylene Sulfide
Number of Rows	2
Orientation	Right Angle
Packaging Type	Carton
PCB Retention	Yes
PC Tail Length	0.140"
Pitch - Mating Interface	0.075" (1.91mm)
Pitch - Termination Interface	0.075" (1.91mm)
Plating min - Mating	50μ"

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, 2 Row, Vertical Board Mount Receptacle</u>
<u>Rectangular, Plastic, 2 Row, Solder Cup Cable Mount Receptacle</u>
<u>Rectangular, Plastic, 2 Row, Crimp Removable Cable Mount Receptacle</u>
<u>Rectangular, Plastic, 2 Row, Right Angle Board Mount Receptacle</u>
<u>Rectangular, Plastic, 2 Row, Stackable or Connector Saver Receptacle</u>
<u>Rectangular, Plastic, 2 Row, Crimped Wire Cable Mount Receptacle</u>
<u>Rectangular, Plastic, 2 Row, Vertical Press-Fit Receptacle</u>

This document was generated on Jun 06, 2026