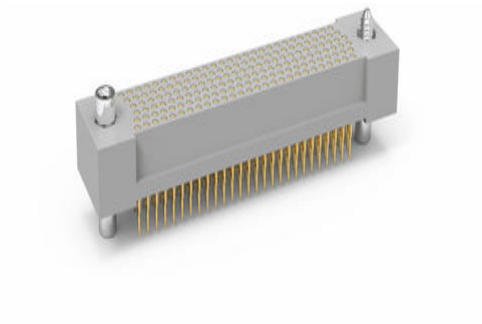
Part Number : RM642-204-871-9300
Product Description : AirBorn R Series, Rectangular Board Mount Receptacle, Vertical, Plastic Body, 6 Rows, 0.075"/1.91mm Pitch, without Mounting Ears, Press-Fit, 0.188" Tail Length, Fixed Jackset Installed, Gold Termination, 204 Circuits
Status : Active
Product Category : Board-to-Board Connectors



Documents and Resources

Specifications

Materials Specification - R Series

Performance Specification

PC Board Layout (Sizes 162 to 402)

Hardware Polarization (4 & 6 Row)

Contacts (6 Row)

Dimensional Information

Part Number Buildup

Part Details

General

Status	Active
Category	Board-to-Board Connectors
Description	AirBorn R Series, Rectangular Board Mount Receptacle, Vertical, Plastic Body, 6 Rows, 0.075"/1.91mm Pitch, without Mounting Ears, Press-Fit, 0.188" Tail Length, Fixed Jackset Installed, Gold Termination, 204 Circuits
Application	Board-to-Board, Wire-to-Board
Comments	Press-Fit
Component Type	Receptacle

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Contact Type	Socket
Product Name	AirBorn R Series
Series	R Series

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	204
Circuits (maximum)	204
Color - Resin	Gray
Durability (mating cycles max)	500
Glow-Wire Capable	No
Guide to Mating Part	No
Hardware Details	Polarization is not required or polarized hardware is not assembled; Fixed Jackset, Installed, #2-56 x 0.247" External Thread
Keying to Mating Part	None
Lock to Mating Part	Yes
Locking Type	Fixed Jackset - Installed
Material - Metal	Beryllium Copper, Brass Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Shell	Polyphenylene Sulfide
Number of Rows	6
Orientation	Vertical
Packaging Type	Carton
PCB Retention	None
PCB Thickness - Recommended	0.093" - 0.125"
PC Tail Length	0.188"
Pitch - Mating Interface	0.075" (1.91mm)
Pitch - Termination Interface	0.075" (1.91mm)

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Plating min - Mating	50µ”
Polarized to Mating Part	No
Stackable	No
Temperature Range - Operating	-65° to +125°C
Termination Interface Style	Through Hole - Compliant Pin

Mates With / Use With

Mates with Part(s)

Description
Rectangular, Plastic, 6 Row, Right Angle Board Mount Plug
Rectangular, Plastic, 6 Row, Vertical Board Mount Plug
Rectangular, Plastic, 6 Row, Straddle Surface Mount Plug
Rectangular, Plastic, 6 Row, Solder Cup Cable Mount Plug

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