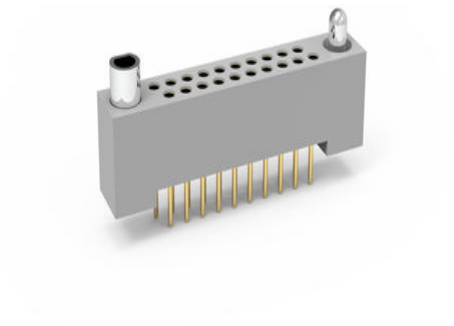


Part Number : RM242-040-211-8800
Product Description : AirBorn R Series, Rectangular Board Mount Receptacle, Vertical, Plastic Body, Dual Row, 0.075"/1.91mm Pitch, without Mounting Ears, Through Hole, 0.140" Tail Length, Fixed Jackset (Long), Gold Termination, 40 Circuits
Status : Active
Product Category : Board-to-Board Connectors

Documents and Resources

Symbol and Footprint (Multi-Format)

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

Part Details

General

Status	Active
Category	Board-to-Board Connectors
Description	AirBorn R Series, Rectangular Board Mount Receptacle, Vertical, Plastic Body, Dual Row, 0.075"/1.91mm Pitch, without Mounting Ears, Through Hole, 0.140" Tail Length, Fixed Jackset (Long), Gold Termination, 40 Circuits
Application	Board-to-Board, Wire-to-Board
Comments	Through Hole

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Component Type	Receptacle
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)	40
Circuits (maximum)	40
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
Keying to Mating Part	No
Lock to Mating Part	Yes
Locking Type	Fixed Jackset - Long
Material - Metal	Beryllium Copper, Brass Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Shell	Polyphenylene Sulfide
Number of Rows	2
Orientation	Vertical
Packaging Type	Carton
PCB Retention	No
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

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Stackable	No
Temperature Range - Operating	-65° to +125°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description
Rectangular, Plastic, 2 Row, Vertical Board Mount Plug
Rectangular, Plastic, 2 Row, Solder Cup Cable Mount Plug
Rectangular, Plastic, 2 Row, Vertical Board Mount Receptacle
2 Row Solder Cup Cable Connector without Mounting Ears (PLUG)
Rectangular, Plastic, 2 Row, Right Angle Board Mount Plug

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