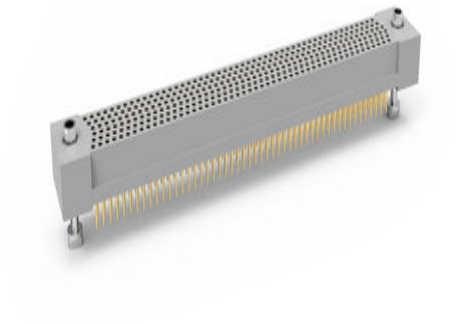
Part Number : RM642-402-812-9601
Product Description : AirBorn R Series, Rectangular Board Mount Receptacle, Vertical, Plastic Body, 6 Rows, 0.075"/1.91mm Pitch, without Mounting Ears, Through Hole, 0.109" Tail Length, Guide Sockets Installed, Polarization 1, Pre-Tinned Tin/Lead Alloy Termination, 402 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 (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, Through Hole, 0.109" Tail Length, Guide Sockets Installed, Polarization 1, Pre-Tinned Tin/Lead Alloy Termination, 402 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)	402
Circuits (maximum)	402
Color - Resin	Gray
Durability (mating cycles max)	500
Glow-Wire Capable	No
Guide to Mating Part	Polarized Guide Sockets - Installed
Keying to Mating Part	Yes
Lock to Mating Part	No
Material - Metal	Beryllium Copper, Brass Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Pre-Tinned Tin/Lead Alloy
Material - Shell	Polyphenylene Sulfide
Number of Rows	6
Orientation	Vertical
Packaging Type	Carton
PCB Retention	No
PC Tail Length	0.109"
Pitch - Mating Interface	0.075" (1.91mm)
Pitch - Termination Interface	0.075" (1.91mm)
Plating min - Mating	50µ”
Polarization	1
Polarized to Mating Part	Yes
Stackable	No

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Temperature Range - Operating	-65° to +125°C
Termination Interface Style	Through Hole

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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