



Part Number : [VRM-04-50-120-50-10-G](#)

Product Description : AirBorn verSI Series
Rectangular Plug, 0.050" (1.27mm) Pitch, Metal Body,
Vertical, Surface Mount (non-RoHS), 12.00mm Board
Spacing, with Guide Pin (0.125" max board thickness),
50 Columns, 4 Rows, 200 Circuits

Status : Active

Product Category : Board-to-Board Connectors



Documents and Resources

Specifications

- [ESL5001 - verSI Installation Guide](#)
- [verSI Signal Integrity Simulations & Performance](#)
- [VerSI Qualification Report](#)
- [Dimensional Information](#)
- [VRM Family Part Number Buildup](#)

Part Details

General

Status	Active
Category	Board-to-Board Connectors
Description	AirBorn verSI Series Rectangular Plug, 0.050" (1.27mm) Pitch, Metal Body, Vertical, Surface Mount (non-RoHS), 12.00mm Board Spacing, with Guide Pin (0.125" max board thickness), 50 Columns, 4 Rows, 200 Circuits
Application	Wire-to-Board, Board-to-Board
Component Type	Plug
Contact Type	Pin
Product Name	AirBorn verSI Series
Series	verSI Series

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	200V

Physical

Breakaway	No
Circuits (Loaded)	200
Circuits (maximum)	200
Color - Resin	Gray
Durability (mating cycles max)	2500
Glow-Wire Capable	No
Guide to Mating Part	Guide Pin
Keying to Mating Part	No
Lock to Mating Part	No
Material - Insulator	Liquid Crystal Polymer
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Shell	Aluminum Alloy
Number of Columns	50
Number of Rows	4
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	No
PCB Thickness - Recommended	0.125" max.
Pitch - Mating Interface	0.050" (1.27mm)
Pitch - Termination Interface	0.050" (1.27mm)
Plating min - Mating	50μ"
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Board Spacing	12.00mm (0.472")
Stackable	No
Temperature Range - Operating	-55° to +125°C
Termination Interface Style	Surface Mount - non-RoHS

Mates With / Use With

Mates with Part(s)

Description
<u>Rectangular, High Speed, Metal, Board Mount, Vertical Female</u>
<u>Rectangular, High Speed, Metal, Board Mount, Right Angle Female</u>
<u>Rectangular, High Speed, Metal, Cable Assembly, Differential Pair Twinax</u>