



Part Number : [WTAX44SAD7JL-D54](#)
Product Description : AirBorn W Series Rectangular Board Mount Receptacle with Socket Contacts, Vertical, Through Hole, Dual Row, 0.100"/2.54mm Pitch, 0.109" Tail Length, Plastic Body, Fixed Jackset Long, without Mounting Ears, 44 Circuits
Status : Active
Product Category : Board-to-Board Connectors

Documents and Resources

Specifications

- [Materials Specification](#)
 - [Performance Specification](#)
 - [Face Seal Gaskets \(WTA-WTB Series\)](#)
 - [Hoods \(WTA-WTAX Series\)](#)
 - [Solder Cup Adapter Sleeve, Coax Removal Tool, Extension Nuts](#)
 - [Nut Spanner Wrenches, Insertion & Removal Tools, Crimp Tools & Positioners](#)
 - [Contacts \(WT, WTA, WTB, WTK, WG, WGA\)](#)
 - [Hardware Availability \(pg 1\)](#)
 - [Hardware Availability \(pg 2\)](#)
 - [Polarizing Pin Applications](#)
 - [Dimensional Information](#)
 - [Hardware Dimensions \(Guide\)](#)
 - [Part Number Buildup](#)
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Part Details

General

Status	Active
Category	Board-to-Board Connectors
Description	AirBorn W Series Rectangular Board Mount Receptacle with Socket Contacts, Vertical, Through Hole, Dual Row,

	0.100"/2.54mm Pitch, 0.109" Tail Length, Plastic Body, Fixed Jackset Long, without Mounting Ears, 44 Circuits
Application	Board-to-Board, Wire-to-Board
Comments	Socket, Straight, Through Hole, .109" x .027" dia
Component Type	Receptacle
Contact Type	Socket
Product Name	AirBorn W Series
Series	W Series

Electrical

Current - Maximum per Contact	5.0A
Voltage - Maximum	1000V

Physical

Breakaway	No
Circuits (Loaded)	44
Circuits (maximum)	44
Color - Resin	Gray
Durability (mating cycles max)	500
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Locking Type	Fixed Jackset, Long
Material - Plating Mating	Gold
Material - Shell	Polyphenylene Sulfide
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PCB Retention	No
PC Tail Length	0.109"
Pitch - Mating Interface	0.100" (2.54mm)
Pitch - Termination Interface	0.100" (2.54mm)

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 or Cable Mount Plug</u>
<u>Rectangular, Plastic, 2 Row, Vertical Board or Cable Mount Plug</u>
<u>Rectangular, Plastic, 2 Row, Right Angle Board or Cable Mount Plug</u>
<u>Rectangular, Plastic, 2 Row, Vertical Board or Cable Mount Plug</u>
<u>Rectangular, Plastic, 2 Row, Crimp Removable Cable Mount Plug</u>
<u>Rectangular, Plastic, 2 Row, Crimp Removable Cable Mount Plug</u>