molex



Part Number : WTB40SAD9SY
Product Description : AirBorn W Series Rectangular Board Mount Receptacle with Socket Contacts, Vertical, Through Hole, Dual Row, 0.100"/2.54mm Pitch, 0.140" Tail Length, Plastic Body, Guide Set, with Mounting Ears, 40 Circuits
Status : Active
Product Category : Board-to-Board Connectors

Documents and Resources

Specifications

Materials Specification

Performance Specification

Floating Mounts for WTB-WTK Receptacles

Floating Mounts for WTB-WTK Receptacles

Face Seal Gaskets (WTA-WTB 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

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, 0.140" Tail Length, Plastic Body, Guide Set, with Mounting Ears, 40 Circuits
Application	Board-to-Board, Wire-to-Board
Comments	Socket, Straight, Through Hole, .140" 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)	40
Circuits (maximum)	40
Color - Resin	Gray
Durability (mating cycles max)	500
Glow-Wire Capable	No
Guide to Mating Part	Guide Set
Keying to Mating Part	None
Lock to Mating Part	No
Material - Plating Mating	Gold
Material - Shell	Polyphenylene Sulfide
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PCB Retention	Yes
PC Tail Length	0.140"
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
Rectangular, Plastic, 2 Row, Vertical Board or Cable Mount Plug
Rectangular, Plastic, 2 Row, Vertical Board or Cable Mount Plug
Rectangular, Plastic, 2 Row, Right Angle Board or Cable Mount Plug
Rectangular, Plastic, 2 Row, Vertical Board or Cable Mount Plug
Rectangular, Plastic, 2 Row, Crimp Removable Cable Mount Plug
Rectangular, Plastic, 2 Row, Crimp Removable Cable Mount Plug