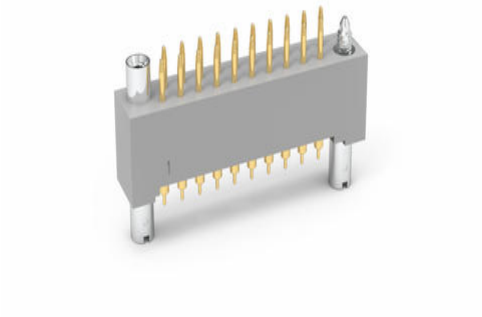
molex



Part Number : WTA24PCJTB
Product Description : AirBorn W Series Rectangular Board Mount Plug with Pin Contacts, Vertical, Solder Cup, Dual Row, 0.100"/2.54mm Pitch, Plastic Body, without Mounting Ears, Hex Turning Jackset (.200"), 24 Circuits
Status : Active
Product Category : I/O 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 (Fixed & Turning)

Part Number Buildup

Part Details

General

Status	Active
Category	I/O Connectors
Description	AirBorn W Series Rectangular Board Mount Plug with Pin Contacts, Vertical, Solder Cup, Dual Row, 0.100"/2.54mm Pitch,

	Plastic Body, without Mounting Ears, Hex Turning Jackset (.200"), 24 Circuits
Application	Wire-to-Board
Comments	Pin, Straight, Solder Cup,(.035" I.D.)
Component Type	Plug
Contact Type	Pin
Product Name	AirBorn W Series

Electrical

Current - Maximum per Contact	5.0A
Data Rate	1.0 Gbps
Voltage - Maximum	1000V

Physical

Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Gray
Durability (mating cycles max)	500
Gender	Male
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Locking Type	Hex Turning Jackset, 0.200"
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Shell	Polyphenylene Sulfide
Mounting Style	Without Mounting Ears
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	0.100" (2.54mm)
Pitch - Termination Interface	0.100" (2.54mm)
Plating min - Mating	50µ”

Polarized to Mating Part	No
Temperature Range - Operating	-65° to +125°C
Termination Interface Style	Solder Cup

Mates With / Use With

Mates with Part(s)

Description
Rectangular, Plastic, 2 Row, Vertical Board or Cable Mount Receptacle
Rectangular, Plastic, 2 Row, Vertical/Right Angle Board or Cable Mount Receptacle
Rectangular, Plastic, 2 Row, Vertical/Right Angle Board or Cable Mount Receptacle
Rectangular, Plastic, 2 Row, Crimp Removable Cable Mount Receptacle
Rectangular, Plastic, 2 Row, Crimp Removable Cable Mount Receptacle
Rectangular, Plastic, 2 Row, Right Angle Board or Cable Mount Receptacle