



**Part Number :** [WTAX36SAD9SYL](#)  
**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 Long, without Mounting Ears, 36 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](#)
- 

**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 Long, without Mounting Ears, 36 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)              | 36                    |
| Circuits (maximum)             | 36                    |
| Color - Resin                  | Gray                  |
| Durability (mating cycles max) | 500                   |
| Glow-Wire Capable              | No                    |
| Guide to Mating Part           | Guide Set, Long       |
| Keying to Mating Part          | No                    |
| Lock to Mating Part            | No                    |
| Material - Plating Mating      | Gold                  |
| Material - Shell               | Polyphenylene Sulfide |
| Number of Rows                 | 2                     |
| Orientation                    | Vertical              |
| Packaging Type                 | Tray                  |
| PCB Retention                  | No                    |
| 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                                                               |
|---------------------------------------------------------------------------|
| <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>      |