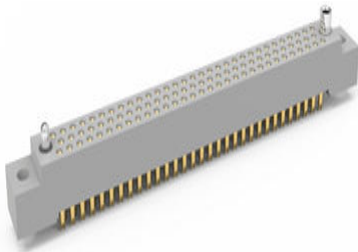




**Part Number :** [WG160SOR11SY-D01](#)  
**Product Description :** AirBorn W Series Rectangular Board Mount Receptacle with Socket Contacts, Right Angle, Through Hole, 3 Rows, 0.100"/2.54mm Pitch, 0.172" Tail Length, Plastic Body, Guide Set, with Mounting Ears, 160 Circuits  
**Status :** Active  
**Product Category :** Board-to-Board Connectors



## Documents and Resources

### Specifications

- [Materials Specification](#)
- [Performance Specification](#)
- [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](#)
- [Face Seal Gaskets \(WG-WGA-WGE Series\)](#)
- [Dimensional Information](#)
- [Part Number Buildup](#)

## Part Details

### General

|             |                                                                                                                                                                                |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status      | Active                                                                                                                                                                         |
| Category    | Board-to-Board Connectors                                                                                                                                                      |
| Description | AirBorn W Series Rectangular Board Mount Receptacle with Socket Contacts, Right Angle, Through Hole, 3 Rows, 0.100"/2.54mm Pitch, 0.172" Tail Length, Plastic Body, Guide Set, |

|                |                                                                                                                                                                     |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                | with Mounting Ears, 160 Circuits                                                                                                                                    |
| Application    | Board-to-Board, Wire-to-Board                                                                                                                                       |
| Comments       | Socket, Right Angle, Through Hole, .172" x .025" dia; Pretinned contact terminations (except solder cups, wire wraps, and flex contacts) with 63/37 or 60/40 solder |
| 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)              | 160                   |
| Circuits (maximum)             | 160                   |
| Color - Resin                  | Gray                  |
| Durability (mating cycles max) | 500                   |
| Glow-Wire Capable              | No                    |
| Guide to Mating Part           | Guide Set             |
| Keying to Mating Part          | No                    |
| Lock to Mating Part            | No                    |
| Material - Plating Mating      | Gold                  |
| Material - Shell               | Polyphenylene Sulfide |
| Number of Rows                 | 3                     |
| Orientation                    | Right Angle           |
| Packaging Type                 | Tray                  |
| PCB Retention                  | Yes                   |
| PC Tail Length                 | 0.172"                |
| 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, 3 Row, Right Angle Board or Cable Mount Plug |