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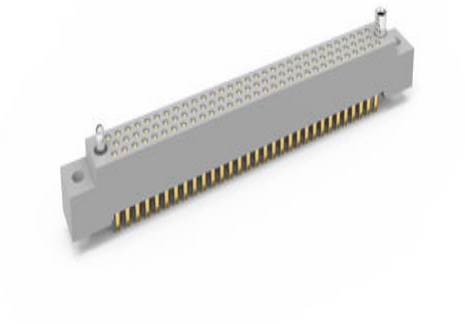

Part Number : WG80SOR7SY-D01
Product Description : AirBorn W Series Rectangular Board Mount Receptacle with Socket Contacts, Right Angle, Through Hole, 3 Rows, 0.100"/2.54mm Pitch, 0.109" Tail Length, Plastic Body, Guide Set, with Mounting Ears, 80 Circuits
Status : Active
Product Category : Board-to-Board 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, 0.109" Tail Length, Plastic Body, Guide Set,

	with Mounting Ears, 80 Circuits
Application	Board-to-Board, Wire-to-Board
Comments	Socket, Right Angle, Through Hole, .109" 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)	80
Circuits (maximum)	80
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	0.109"
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
Rectangular, Plastic, 3 Row, Right Angle Board or Cable Mount Plug
Rectangular, Plastic, 3 Row, Vertical Board or Cable Mount Plug
Rectangular, Plastic, 3 Row, Crimp Removable Cable Mount Plug
Rectangular, Plastic, 3 Row, Crimp Removable Cable Mount Plug