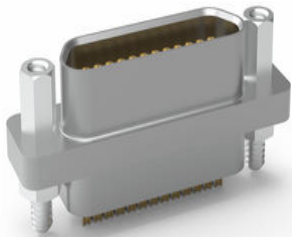




Part Number : [MM-223-037-261-00V1-900](#)
Product Description : AirBorn M Series, Micro-D Cable Mount Receptacle, 0.050" (1.27mm) Pitch, Vertical, Pre-Wired Crimped, Aluminum Shell, 18.00" Wire Length, 37 Circuits
Status : Active
Product Category : I/O Connectors



Documents and Resources

Specifications

- [M Series Micro-D Materials Specification](#)
- [Performance Specification](#)
- [Hardware Details](#)
- [Hardware Keying Chart](#)
- [Contact Type, Positions, and Polarization](#)
- [Hardware Details \(page 2\)](#)
- [Hardware Details \(page 3\)](#)
- [Twisted Pair Wire Connects](#)
- [Hardware](#)
- [Dimensional Information](#)
- [Part Number Buildup](#)

Part Details

General

Status	Active
Category	I/O Connectors
Description	AirBorn M Series, Micro-D Cable Mount Receptacle, 0.050" (1.27mm) Pitch, Vertical, Pre-Wired Crimped, Aluminum Shell, 18.00" Wire Length, 37 Circuits
Application	Wire-to-Wire, Wire-to-Board

Component Type	Receptacle
Contact Type	Socket
Product Name	AirBorn M Series

Electrical

Current - Maximum per Contact	3.0A
Data Rate	3.0 Gbps
Voltage - Maximum	600V

Physical

Circuits Detail	Socket, Straight, Crimped Wire
Circuits (Loaded)	37
Circuits (maximum)	37
Design Feature	Interfacial Sealing Gasket
Durability (mating cycles max)	500
Gender	Female
Keying to Mating Part	None
Lock to Mating Part	No
Material - Insulator	Polyphenylene Sulfide
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Shell	Aluminum Alloy
Mounting Style	Without Mounting Holes
Number of Rows	2
Orientation	Vertical
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	0.050" (1.27mm)
Pitch - Termination Interface	0.050" (1.27mm)
Plating min - Mating	50μ"
Plating - Shell	Electrodeposited Cadmium
Polarized to Mating Part	Yes
Temperature Range - Operating	-55° to +125°C
Termination Interface Style	Pre-Wired Crimped
Wire/Cable Type	SAE-AS22759/11

Wire Size (AWG)	26
Wire Length	18.00"
Wire Color	10 Colors (M83513)

Mates With / Use With

Mates with Part(s)

Description
<u>Vertical Surface Mount PCB Connector (PLUG)</u>
<u>Vertical Plated Thru Hole PCB Metal Connector with Mounting Holes and a Narrow Footprint (PLUG)</u>
<u>Vertical Plated Thru Hole PCB Metal Connector (PLUG)</u>
<u>Micro-D, Metal, Board Mount, Right Angle Plug, Narrow Footprint</u>
<u>Micro-D, Metal, Board Mount, Right Angle Plug</u>
<u>Rear Panel Mount Vertical Plated Thru Hole PCB Connector (PLUG)</u>
<u>Micro-D, Metal, Rear Panel Mount, Board Mount, Right Angle Plug</u>
<u>Micro-D, Metal, Board Mount, Card Edge Plug</u>
<u>Micro-D, Metal, Board Mount, Right Angle Plug, Compressed Footprint</u>
<u>Micro-D, Metal, Board Mount, Right Angle Plug, Narrow Footprint, Underbody Thru Cut</u>
<u>Micro-D, Metal, Board Mount, Right Angle Plug, Narrow Footprint, Blind Clearance Cut</u>
<u>Micro-D, Plastic, Board Mount, Vertical Plug, Narrow Footprint</u>
<u>Vertical Plated Thru Hole PCB Plastic Connector (PLUG)</u>
<u>Micro-D, Plastic, Board Mount, Right Angle Plug, Narrow Footprint</u>
<u>Micro-D, Plastic, Board Mount, Right Angle Plug</u>
<u>Micro-D, Metal, Sealed Rear Panel Mount, Cable Mount Plug</u>
<u>Micro-D, Metal, Cable Mount Plug</u>
<u>Micro-D, Metal, Rear Panel Mount, Cable Mount Plug</u>
<u>Micro-D, Metal, Jumper Cable</u>
<u>Micro-D, Metal, Cable Mount Plug, Integrated Shield Termination (Crimp)</u>
<u>Micro-D, Metal, Cable Mount Plug, Integrated Shield Termination</u>
<u>Micro-D, Plastic, Cable Mount Plug</u>
<u>Micro-D, Plastic, Jumper Cable</u>

