

**Part Number: 74031-0001**

Image not available

Status:	Contact Molex
Series:	74031
Category:	Backplane Connectors
Overview:	VHDM® Backplane Connector Systems

Series image - Reference only

Mates With Part(s):

[74029](#) VHDM® Board-to-Board Backplane Receptacle Power Module

VHDM® Board-to-Board Backplane Header [74057](#), [74058](#), [74059](#)

Part Detail**General**

Status	Contact Molex
Category	Backplane Connectors
Series	74031
Application	Daughtercard
Application Tooling Documents	TM-622010999
Comments	Wafers aggregated into connectors receive a custom order number 74030-XXXX for 6 row daughtercard assemblies.
Component Type	PCB Receptacle
Overview	VHDM® Backplane Connector Systems
Product Name	VHDM®
Style	N/A

Physical

Circuits (Loaded)	6
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
Number of Columns	1
Number of Pairs	Open Pin Field
Number of Rows	6
Orientation	Right Angle
PC Tail Length	2.80mm
PCB Locator	No
PCB Retention	None
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to PCB	Yes
Stackable	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical**(Please review the Product Specification for specific details.)**

Current - Maximum per Contact	1A
Data Rate	3.125 Gbps
Voltage - Maximum	250V

Material Info

UPC	800755836219
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Reference - Drawing Numbers

Product Specification	PS-74031-999
Sales Drawing	SD-74031-002

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)