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**Part Number:** [74031-4001](#)

**Status:** **Active**

**Overview:** [VHDM® Backplane Connector Systems](#)

**Description:** VHDM® H-Series Optimized for single-ended and differential backplane applications delivering data rates up to 6.25 Gbps. Modular construction enables design flexibility. Wafer receptacle, Right Angle, 6-Row, Lead-free (Series: 76760, 75297, 75190 and 74886)

**Documents:**

[Drawing \(PDF\)](#)

[Product Specification PS-74031-999 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

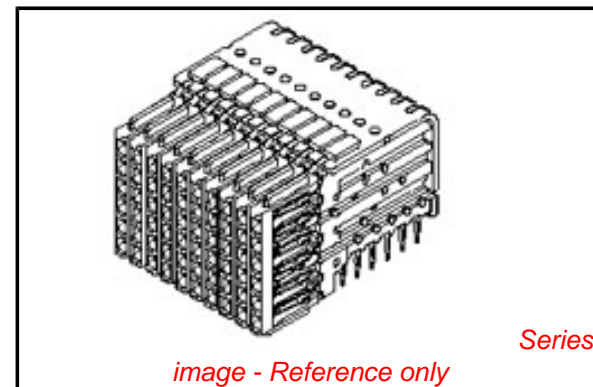


image - Reference only

Series

**General**

Product Family	Backplane Connectors
Series	<a href="#">74031</a>
Application	Daughtercard
Application Tooling Documents	TM-622010999
Comments	Custom order number created. Robust, modular construction combines wafers, guidance, and power into one connector. 76760-XXXX; 75297-XXXX; 75190-XXXX and 74886-XXXX for 6 row daughtercard assemblies.
Component Type	PCB Receptacle
Overview	<a href="#">VHDM® Backplane Connector Systems</a>
Product Name	VHDM® - H Series
Style	N/A
UPC	883906548988

**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-Nickel-Silicon, High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.110/g
Number of Columns	1
Number of Pairs	Open Pin Field
Number of Rows	6
Orientation	Right Angle
PC Tail Length	1.90mm
PCB Locator	No
PCB Retention	None
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Plating min - Mating	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

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[74031Series](#)

**Electrical**

Current - Maximum per Contact	1A
Data Rate	6.25 Gbps
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

**Material Info****Reference - Drawing Numbers**

Product Specification	PS-74031-999
Sales Drawing	SD-74031-005

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This document was generated on 07/03/2013

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