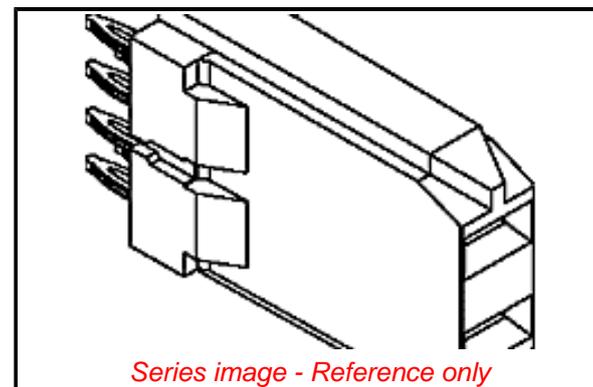


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0758886000**  
**Status:** **Active**  
**Overview:** VHDM Backplane Connector Systems  
**Description:** 2.00mm Pitch VHDM® Board-to-Board Backplane Receptacle Power Module, Vertical, 6-Row, 2 Circuits, Gold (Au) Selective 0.76µm Lead-Free

**Documents:**

[3D Model](#) [Packaging Specification PK-70873-0876 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-74031-999-001 \(PDF\)](#)



Series image - Reference only

**General**

Product Family	Backplane Connectors
Series	75888
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	Backplane Receptacle Module, Power
Component Type	Power Receptacle
Overview	VHDM Backplane Connector Systems
Product Name	VHDM®
UPC	822350147682

**Physical**

Circuits (Loaded)	2
Circuits (maximum)	2
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	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.060/g
Number of Columns	N/A
Number of Pairs	Open Pin Field
Number of Rows	6
Orientation	Vertical
PC Tail Length	2.80mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.80mm
Packaging Type	Tube
Pitch - Mating Interface	6.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	0.762µm
Plating min - Termination	0.381µm
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact	10.0A
Data Rate	2.5 Gbps

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

75888 Series

**Mates With**

74026 VHDM® Board-to-Board  
Daughtercard Receptacle

Real Signals (per 25mm)	72
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

**Solder Process Data**

Lead-free Process Capability	N/A
------------------------------	-----

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

Packaging Specification	PK-70873-0876
Product Specification	PS-74031-999-001
Sales Drawing	SD-75888-006

Note: HDM, HDM+, VHDM, VHDM-HSD and GbX are trademarks or registered trademarks of Amphenol TCS.

This document was generated on 04/24/2017

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**