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Part Number: [0740298000](#)
Status: **Active**
Overview: [VHDM Backplane Connector Systems](#)
Description: VHDM Board-to-Board Backplane Receptacle Power Module, 2.00mm Pitch, Vertical, 8 Rows, 3 Circuits, Gold (Au) Selective 0.76µm

Documents:

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

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Backplane Connectors
Series	74029
Application	Backplane
Application Tooling Documents	TM-622010999-001
Comments	Backplane Receptacle Module, Power
Component Type	Power Receptacle
Overview	VHDM Backplane Connector Systems
Product Name	VHDM
UPC	800754771719

Physical

Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
Net Weight	1.519/g
Number of Columns	N/A
Number of Pairs	Open Pin Field
Number of Rows	8
Orientation	Vertical
PC Tail Length	2.80mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.80mm
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	4.00mm
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° to +105°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[74029](#) Series

Mates With

[74026](#) VHDM Board-to-Board Daughtercard Receptacle

Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	10.0A
Data Rate	2.5 Gbps
Real Signals (per 25mm)	100
Shielded	No
Voltage - Maximum	250V

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-0876-001
Product Specification	PS-74031-999-001
Sales Drawing	SD-74029-002-001, SD-74029-009-001

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