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Part Number:

0740296000

Status:

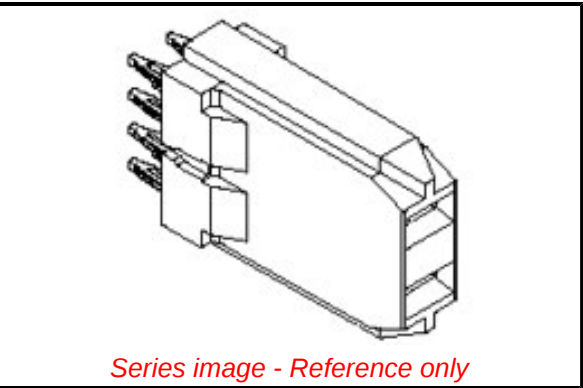
Active

Overview:

VHDM Backplane Connector Systems

Description:

VHDM Board-to-Board Backplane Receptacle Power Module, 2.00mm Pitch, Vertical, 6 Rows, 2 Circuits, Gold (Au) Selective 0.76µm, Lead-Free



Documents:	
3D Model	Product Specification PS-74031-999-001 (PDF)
3D Model (PDF)	Packaging Specification PK-70873-0876 (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
Comments	Backplane Receptacle Power Module
Component Type	Power Receptacle
Overview	VHDM Backplane Connector Systems
Product Name	VHDM
UPC	800754771696
Physical	
Circuits (Loaded)	2
Circuits (maximum)	2
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
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	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

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2020)4578-DC (25 June 2020)	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

74029 Series

Mates With

74026 VHDM Board-to-Board Daughtercard Receptacle

Application Tooling FAQ	
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.	
Global	
Description	Product #
Backplane 6 and 8- Row Power Module Insertion Tool	622020211

Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	10.0A
Data Rate	2.5 Gbps
Real Signals (per 25mm)	72
Shielded	No
Voltage - Maximum	250V
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-70873-0876
Product Specification	PS-74031-999-001
Sales Drawing	SD-74029-006, SD-74029-011

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