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Part Number:

0740296000

Status:

Active

Overview:

VHDM Backplane Connectors and Cable Assemblies

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-70873-0876-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

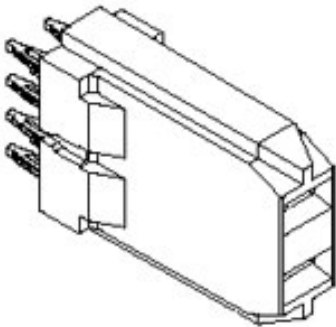
CSA	LR19980
UL	E29179

General

Product Family	Backplane Connectors
Series	74029
Application	Backplane
Application Tooling Documents	TM-622010999-001
Comments	Backplane Receptacle Power Module
Component Type	Power Receptacle
Data Rate	2.5 Gbps
Overview	VHDM Backplane Connectors and Cable Assemblies
Product Name	VHDM
Taxonomy	Backplane Connectors
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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

Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	10.0A
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-70873-0876-001
Product Specification	PS-74031-999-001
Sales Drawing	SD-74029-006-001, SD-74029-011-001

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