



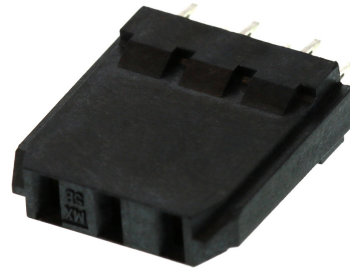
**Part Number :** [740298000](#)

**Product Description :** VHDM Board-to-Board Backplane Receptacle Power Module, 2.00mm Pitch, Vertical, 8 Rows, 3 Circuits, Gold (Au) Selective 0.76µm

**Series Number :** 74029

**Status :** Active

**Product Category :** Backplane Connectors



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## Documents & Resources

### Drawings

[740298000\\_sd.pdf](#)

[PK-70873-0876-001.pdf](#)

### 3D Models and Design Files

[740298000\\_stp.zip](#)

### Specifications

[PS-74031-999-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	Backplane Connectors
Series	74029
Description	VHDM Board-to-Board Backplane Receptacle Power Module, 2.00mm Pitch, Vertical, 8 Rows, 3 Circuits, Gold (Au) Selective 0.76µm
Application	Backplane
Comments	Backplane Receptacle Module, Power
Component Type	Power Receptacle
Product Name	VHDM
UPC	800754771719

### Agency

CSA	LR19980
UL	E29179

### Electrical

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

### 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
Packaging Type	Tube
PC Tail Length	2.80mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.80mm
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
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Through Hole - Compliant Pin

### Solder Process Data

Lead-Free Process Capability	N/A
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