



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

Documents & Resources

Drawings

Drawing 740298000_sd.pdf

Packaging Design Drawing PK-70873-0876-001.pdf

3D Models and Design Files


3D Model 740298000_stp.zip

Specifications

Product Specification PS-74031-999-001.pdf

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(2023)8585-DC (23 Jan 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

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 Family	VHDM Backplane Connectors and Cable Assemblies
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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