



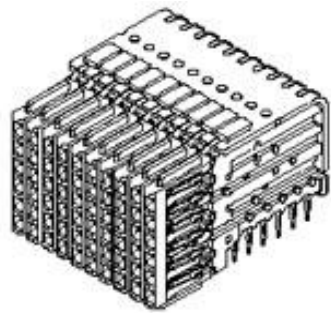
Part Number : [740314001](#)

Product Description : VHDM H-Series Optimized for Single-Ended and differential backplane applications delivering data rates up to 6.25 Gbps. Modular construction enables design flexibility. Wafer receptacle, Right-Angle, 6-Row, Lead-free (Series: 76760, 75297, 75190 and 74886)

Series Number : 74031

Status : Active

Product Category : Backplane Connectors



Documents & Resources

Drawings


[740314001_sd.pdf](#)

Specifications

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

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Backplane Connectors
Series	74031
Description	VHDM H-Series Optimized for Single-Ended and differential backplane applications delivering data rates up to 6.25 Gbps. Modular construction enables design flexibility. Wafer receptacle, Right-Angle, 6-Row, Lead-free (Series: 76760, 75297, 75190 and 74886)
Application	Daughtercard
Comments	Custom order number created. Robust, modular construction combines wafers, guidance, and power into one connector. 76760XXXX; 75297XXXX; 75190XXXX and 74886XXXX for 6 row daughtercard assemblies.
Component Type	PCB Receptacle
Product Name	VHDM H-Series
UPC	883906548988

Electrical

Current - Maximum per Contact	1.0A
Data Rate	6.25 Gbps
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

Physical

Circuits (Loaded)	6
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	Copper-Nickel-Silicon, High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.110/g
Number of Columns	1
Number of Pairs	Open Pin Field
Number of Rows	6
Orientation	Right Angle
Packaging Type	Tube
PCB Locator	No
PCB Retention	None
PC Tail Length	1.90mm
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.762µm
Polarized to PCB	Yes
Stackable	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Through Hole - Compliant Pin

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