



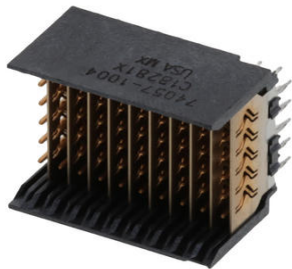
Part Number : [740571004](#)

Product Description : VHDM Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6-Rows, Open Signal Module, 60 Circuits, 10 Columns, Pin Length 5.15mm, 0.76µm Gold Plating

Series Number : 74057

Status : Not Recommended For New Design

Product Category : Backplane Connectors



Documents & Resources

Drawings

[740571004 sd.pdf](#)

[PK-74057-003-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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	Not Recommended For New Design
Category	Backplane Connectors
Series	74057
Description	VHDM Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6-Rows, Open Signal Module, 60 Circuits, 10 Columns, Pin Length 5.15mm, 0.76µm Gold Plating
Application	Backplane
Comments	Open Header
Component Type	PCB Header
Product Name	VHDM
UPC	800753258884

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	2.0A
Data Rate	3.125 Gbps
Shielded	Yes

Shield Type	Ground Plane Shield
Voltage - Maximum	120V AC (RMS)/DC

Physical

Circuits (Loaded)	60
Circuits (maximum)	60
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	Beryllium Copper, High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	4.298/g
Number of Columns	10
Number of Pairs	Open Pin Field
Number of Rows	6
Orientation	Vertical
Packaging Type	Tube
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.80mm
PC Tail Length	2.50mm
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	1.00mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to PCB	Yes
Temperature Range - Operating	105°C
Termination Interface Style	Through Hole - Compliant Pin

Solder Process Data

Lead-Free Process Capability	N/A
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Application Tooling

Global

Description	Part Number
Signal Pin Inserter Repair Tool	<u>622015700</u>
6-Row Pin and Shield Repair Tool	<u>622015800</u>
6-Row Shield Extraction Tool	<u>622016000</u>