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Part Number: [0740572504](#)

Status: **Active**

Overview: [VHDM Backplane Connector Systems](#)

Description: VHDM Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6-Rows, Open Signal Module, 150 Circuits, 25 Columns, Pin Length 5.15mm, 0.76µm Gold Plating. Series:74074 Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75, 5.15 and 6.25mm

Documents:

3D Model	Product Specification PS-74031-999-001 (PDF)
3D Model (PDF)	Packaging Specification PK-74057-003 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

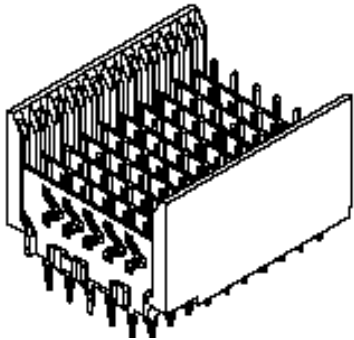
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General

Product Family	Backplane Connectors
Series	74057
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	Open Header
Component Type	PCB Header
Overview	VHDM Backplane Connector Systems
Product Name	VHDM
UPC	800753258938

Physical

Circuits (Loaded)	150
Circuits (maximum)	150
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	Beryllium Copper, High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	10.585/g
Number of Columns	25
Number of Pairs	Open Pin Field
Number of Rows	6
Orientation	Vertical
PC Tail Length	2.50mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.80mm
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	1.00mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	105°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

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

[74057](#) Series

Mates With

[74030](#) VHDM Board-to-Board Daughtercard
Receptacle

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Signal Pin Inserter	622015700
Repair Tool	
6-Row Pin and	622015800
Shield Repair Tool	
6-Row Shield	622016000
Extraction Tool	
Insertion Module	622020204
for Advanced Mate	
Signal Header, 6-	

Termination Interface: Style	Through Hole - Compliant Pin	Row by 25-Wide, 50.00mm
Electrical		Insertion Module <u>622020208</u>
Current - Maximum per Contact	2.0A	for Standard Shield
Data Rate	3.125 Gbps	Signal Header, 6-
Shield Type	Ground Plane Shield	Row by 25-Wide, 50.00mm
Shielded	Yes	
Voltage - Maximum	120V AC (RMS)/DC	
Solder Process Data		
Lead-freeProcess Capability	N/A	
Material Info		
Reference - Drawing Numbers		
Packaging Specification	PK-74057-003	
Product Specification	PS-74031-999-001	
Sales Drawing	SD-74057-002	

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