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Part Number: [74057-1004](#)
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, 60 Circuits, 10 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 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

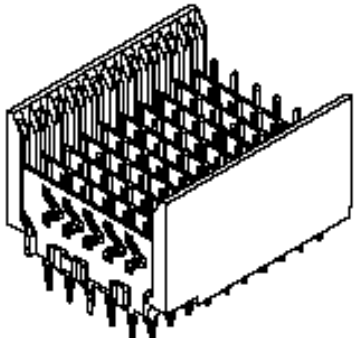
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General

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®
Style	N/A
UPC	800753258884

Physical

Circuits (Loaded)	60
Circuits (maximum)	60
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	4.298/g
Number of Columns	10
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



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

**Contains SVHC: No
Low-Halogen Status
Low-Halogen**

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

[74057Series](#)

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 #
6-Row Pin and Shield Repair Tool	0622015800
Insertion Module for Advanced Mate Signal Header, 6- Row by 10-Wide, 20.00mm	0622020203
Insertion Module for Advanced Mate Signal Header, 6-	0622020207

Temperature Range - Operating	105°C	Row by 10-Wide, 20.00mm
Termination Interface: Style	Through Hole - Compliant Pin	6-Row Shield 0622016000
Electrical		Extraction Tool
Current - Maximum per Contact	2A	Insertion Module 0622011101
Data Rate	3.125 Gbps	for Advanced Mate
Shield Type	Ground Plane Shield	Signal Header, 6-
Shielded	Yes	Row by 11-Wide, 20.00mm
Voltage - Maximum	120V AC (RMS)/DC	Signal Pin Inserter 0622015700
Material Info		Repair Tool
Reference - Drawing Numbers		
Product Specification	PS-74031-999	
Sales Drawing	SD-74057-002	
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