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Part Number: [0740579001](#)

Status: **Active**

Overview: [VHDM Backplane Connectors and Cable Assemblies](#)

Description: VHDM Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6-Rows, Open Signal Module, 60 Circuits, 10 Columns, Pin Length 4.75mm, 0.76µm Gold (Au) 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-74057-003-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

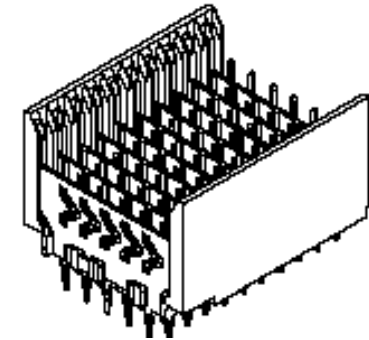
UL E29179

General

Product Family	Backplane Connectors
Series	74057
Application	Backplane
Application Tooling Documents	TM-622010999-001
Comments	Backplane Header Module, Signal, Open
Component Type	PCB Header
Data Rate	3.125 Gbps
Overview	VHDM Backplane Connectors and Cable Assemblies
Product Name	VHDM
Taxonomy	Backplane Connectors
UPC	800756702193

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
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Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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 Shield Repair Tool	622015800
6-Row Shield Extraction Tool	622016000

Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	2.0A
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Solder Process Data

Lead-free Process Capability	N/A
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Material Info**Reference - Drawing Numbers**

Packaging Specification	PK-74057-003-001
Product Specification	PS-74031-999-001
Sales Drawing	SD-74057-002-001

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