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**Part Number:** [0740571001](#)

**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 4.75mm, 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:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-74031-999-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-74057-003-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

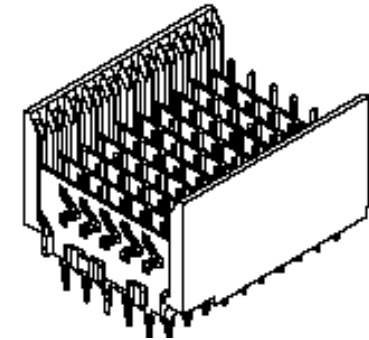
UL E29179

**General**

Product Family	Backplane Connectors
Series	<a href="#">74057</a>
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	Open Header
Component Type	PCB Header
Overview	<a href="#">VHDM Backplane Connector Systems</a>
Product Name	VHDM
UPC	800754780322

**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
Temperature Range - Operating	105°C



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Contained Per - ED/30/2017 (7 July 2017)

**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 #**

Insertion Module for Advanced Mate [622011101](#)

Signal Header, 6-Row by 11-Wide, 20.00mm

Signal Pin Inserter [622015700](#)

Repair Tool

6-Row Pin and [622015800](#)

Shield Repair Tool

Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact 2.0A  
Data Rate 3.125 Gbps  
Shield Type Ground Plane Shield  
Shielded Yes  
Voltage - Maximum 120V AC (RMS)/DC

**Solder Process Data**

Lead-free Process Capability N/A

**Material Info**

**Reference - Drawing Numbers**

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

6-Row Shield Extraction Tool [622016000](#)

Insertion Module for Advanced Mate [622020203](#)

Signal Header, 6-Row by 10-Wide, 20.00mm

Insertion Module for Advanced Mate [622020207](#)

Signal Header, 6-Row by 10-Wide, 20.00mm

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