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**Part Number:** [0740601102](#)  
**Status:** **Active**  
**Overview:** VHDM Backplane Connector Systems  
**Description:** VHDM Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 8 Rows, Open Signal Module, 80 Circuits, 10 Columns, Advance Mate Shield, Pin Length 6.25mm

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-74060-003 \(PDF\)](#)

**Agency Certification**

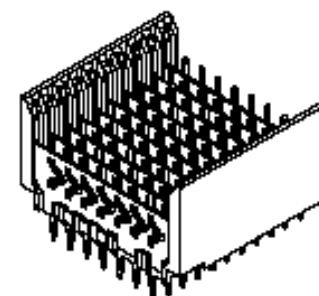
UL E29179

**General**

Product Family Backplane Connectors  
 Series [74060](#)  
 Application Backplane  
 Application Tooling Documents TM-622010999  
 Comments Advanced mate shield chevron can be used for the first mate last break (FMLB) grounding application.  
 Component Type PCB Header  
 Overview [VHDM Backplane Connector Systems](#)  
 Product Name VHDM  
 UPC 756054353486

**Physical**

Circuits (Loaded) 80  
 Circuits (maximum) 80  
 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 5.687/g  
 Number of Columns 10  
 Number of Pairs Open Pin Field  
 Number of Rows 8  
 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 1.270µm  
 Plating min - Termination 0.762µm  
 Polarized to PCB Yes  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -55° to +105°C  
 Termination Interface: Style Through Hole - Compliant Pin



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Contained Per - ECHA\_01\_2020 (16 January 2020)

Lead

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

50 Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[74060 Series](#)

**Mates With**

[74040 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 #
8-Row Pin and Shield Repair Tool	<a href="#">622015900</a>
8-Row Shield Extraction Tool	<a href="#">622016100</a>
Insertion Module for Advanced Mate Signal Header, 8-Row by 10-Wide, 20.00mm	<a href="#">622020205</a>

**Electrical**

Current - Maximum per Contact	3.0A
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
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**Material Info****Reference - Drawing Numbers**

Packaging Specification	PK-74060-003
Sales Drawing	SD-74060-003

Insertion Module	<u>622020209</u>
for Standard Shield	
Signal Header, 8-	
Row by 10-Wide,	
20.00mm	

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