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**Part Number:** **0740611001**  
**Status:** **Active**  
**Overview:** VHDM Backplane Connector Systems  
**Description:** 2.00mm Pitch VHDM Single-Ended Board-to-Board Backplane Header, Vertical, 8 Rows, Guide Pin Signal Module, Pin End Version, 80 Circuits, 10 Columns, Pin Length 4.75mm

**Documents:**

[3D Model](#) [Product Specification PS-74031-999-001 \(PDF\)](#)  
[3D Model \(PDF\)](#) [Packaging Specification PK-74061-003-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

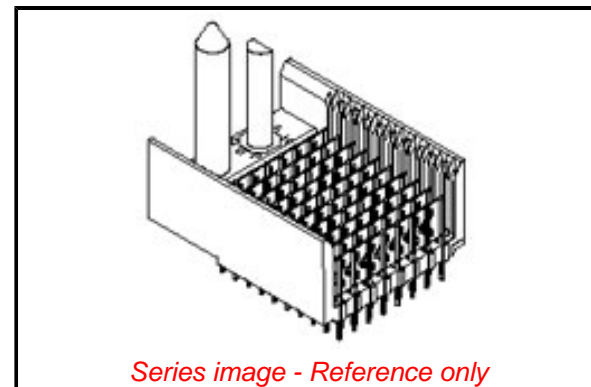
Product Family Backplane Connectors  
Series 74061  
Application Backplane  
Application Tooling Documents TM-622010999  
Comments No Keying Position  
Component Type PCB Header  
Overview VHDM Backplane Connector Systems  
Product Name VHDM  
UPC 800754780919

**Physical**

Circuits (Loaded) 80  
Circuits (maximum) 80  
Color - Resin Black  
Durability (mating cycles max) 200  
First Mate / Last Break No  
Guide to Mating Part Yes  
Keying to Mating Part None  
Material - Metal Beryllium Copper, High Performance Alloy (HPA), Stainless Steel  
Material - Plating Mating Gold  
Material - Plating Termination Tin-Lead  
Material - Resin High Temperature Thermoplastic  
Net Weight 8.375/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 0.762µm  
Plating min - Termination 0.762µm  
Polarized to PCB Yes  
Surface Mount Compatible (SMC) Yes  
Temperature Range - Operating 105°C max  
Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact 3.0A



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**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**

74061 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 #
Signal Pin Inserter	<a href="#">622015700</a>
Repair Tool	
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-	<a href="#">622020205</a>

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-74061-003-001
Product Specification	PS-74031-999-001
Sales Drawing	SD-74061-002

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