

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0740611004](#)  
**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 5.15mm

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-74061-003 \(PDF\)](#)

**General**

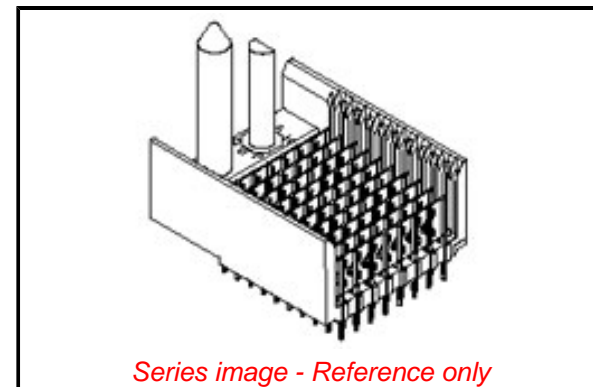
Product Family	Backplane Connectors
Series	<a href="#">74061</a>
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	No Keying Position, No Keying Position
Component Type	PCB Header
Overview	<a href="#">VHDM Backplane Connector Systems</a>
Product Name	VHDM
UPC	800753253599

**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
Data Rate	3.125 Gbps



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**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>

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
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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