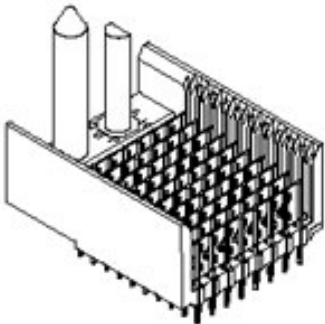


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Part Number: [0740619201](#)
Status: **Active**
Overview: [VHDM® Backplane Connector Systems](#)
Description: 2.00mm Pitch VHDM® Single-Ended Board-to-Board Backplane Header, Vertical, 8-Row, Guide Pin Signal Module, Pin End Version, Lead-Free, 96 Circuits, Pin Length 4.75mm. Series:74075 Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75, 5.15 and 6.25mm

Documents:
[Drawing \(PDF\)](#) [Packaging Specification PK-74061-003 \(PDF\)](#)
[Product Specification PS-74031-999 \(PDF\)](#) [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	822350794343
Physical	
Circuits (Loaded)	96
Circuits (maximum)	96
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	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	9.460/g
Number of Columns	12
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 **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/21/2016 (20 June
2016)
Halogen-Free
Status
Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS Green Image
ELV Not Relevant

Search Parts in this Series
[74061](#) Series

Mates With
[74040](#) VHDM® Board-to-Board
Daughtercard Receptacle

Application Tooling FAQ	
<i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i>	
Global	
Description	Product #
Signal Pin Inserter	0622015700
Repair Tool	
8-Row Pin and	0622015900
Shield Repair Tool	
8-Row Shield	0622016100
Extraction Tool	

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

Material Info

Reference - Drawing Numbers

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

Note: HDM, HDM+, VHDM, VHDM-HSD and GbX are trademarks or registered trademarks of Amphenol TCS.

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