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Part Number: [0740612522](#)
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, 200 Circuits, Pin Length 6.25mm. Series:74075 Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75, 5.15 and 6.25mm

Documents:

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

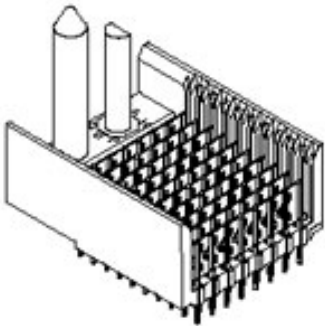
General

Product Family	Backplane Connectors
Series	74061
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	Keying Position B
Component Type	PCB Header
Overview	VHDM® Backplane Connector Systems
Product Name	VHDM®
UPC	800753257573

Physical

Circuits (Loaded)	200
Circuits (maximum)	200
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
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	17.592/g
Number of Columns	25
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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	Not Reviewed
ELV	Not Relevant

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 #
Insertion Module for Standard Shield Signal Header, 8-Row by 25-Wide, 50.00mm	0622020210
Signal Pin Inserter Repair Tool	0622015700

Current - Maximum per Contact	3.0A	8-Row Pin and	<u>0622015900</u>
Data Rate	3.125 Gbps	Shield Repair Tool	
Shield Type	Ground Plane Shield	Insertion Module	<u>0622020206</u>
Shielded	Yes	for Advanced Mate	
Voltage - Maximum	120V AC (RMS)/DC	Signal Header, 6-	
		Row by 25-Wide,	
		50.00mm	
Solder Process Data		8-Row Shield	<u>0622016100</u>
Lead-freeProcess Capability	N/A	Extraction Tool	
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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