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Part Number: [0740621022](#)
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, Shield End Version, 80 Circuits, Pin Length 6.25mm, Keying Pin Orientation B. 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](#)
[Drawing \(PDF\)](#)
[Product Specification PS-74031-999 \(PDF\)](#)
[Packaging Specification PK-74061-003 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

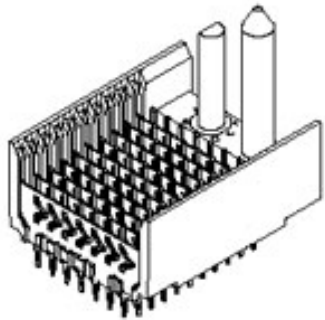
UL E29179

General

Product Family Backplane Connectors
Series [74062](#)
Application Backplane
Application Tooling Documents TM-622010999
Comments Keying Position B
Component Type PCB Header
Overview [VHDM® Backplane Connector Systems](#)
Product Name VHDM®
UPC 800753258976

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 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 9.300/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



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

[74062](#) 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 10-Wide, 20.00mm	0622020209
Signal Pin Inserter Repair Tool	0622015700

Temperature Range - Operating	-55°C to +105°C	8-Row Pin and	0622015900
Termination Interface: Style	Through Hole - Compliant Pin	Shield Repair Tool	
Electrical		Insertion Module	0622020205
Current - Maximum per Contact	3.0A	for Advanced Mate	
Data Rate	3.125 Gbps	Signal Header, 8-	
Shield Type	Ground Plane Shield	Row by 10-Wide,	
Shielded	Yes	20.00mm	
Voltage - Maximum	120V AC (RMS)/DC	8-Row Shield	0622016100
		Extraction Tool	
Solder Process Data			
Lead-freeProcess Capability	N/A		
Material Info			
Reference - Drawing Numbers			
Packaging Specification	PK-74061-003		
Product Specification	PS-74031-999		
Sales Drawing	SD-74062-002		

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

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