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Part Number: [0740621011](#)
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 4.75mm, Keying Pin Orientation A. Series:74075 Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75, 5.15 and 6.25mm25, 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)	

Agency Certification

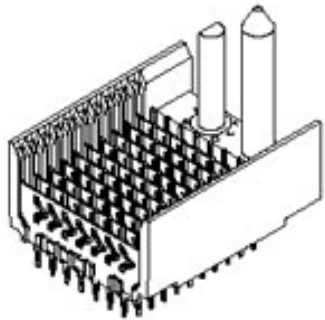
CSA	LR19980
UL	E29179

General

Product Family	Backplane Connectors
Series	74062
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	Keying Position A
Component Type	PCB Header
Overview	VHDM® Backplane Connector Systems
Product Name	VHDM®
UPC	800753258891

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	9.140/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Low-Halogen

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environmental compliance?**

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

China ROHS	50 Image
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

Polarized to PCB	Yes	Signal Pin Inserter	0622015700
Surface Mount Compatible (SMC)	Yes	Repair Tool	
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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