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Part Number:

0740609006

Status:

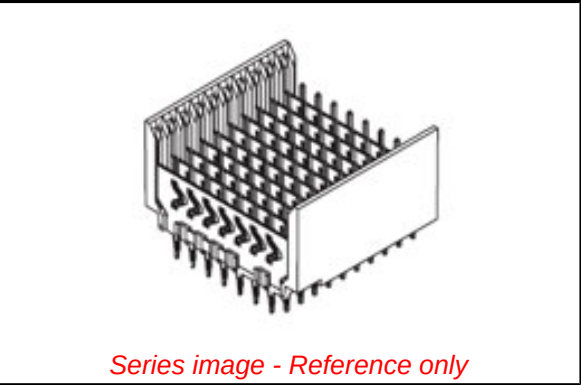
Active

Overview:

VHDM® Backplane Connector Systems

Description:

VHDM® Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 8-Rows, Open Signal Module, 80 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



Series image - Reference only

Documents:	
3D Model	Packaging Specification PK-74060-003 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-74031-999 (PDF)	

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	74060
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	Open Header
Component Type	PCB Header
Overview	VHDM® Backplane Connector Systems
Product Name	VHDM®
UPC	883906169961
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	No
Keying to Mating Part	None
Material - Metal	Beryllium Copper, High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	5.437/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	-55°C to +105°C

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

74060 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

Termination Interface: Style	Through Hole - Compliant Pin	Signal Pin Inserter Repair Tool	0622015700
Electrical		8-Row Pin and Shield Repair Tool	0622015900
Current - Maximum per Contact	3.0A	Insertion Module for Advanced Mate	0622020205
Data Rate	3.125 Gbps	Signal Header, 8-Row by 10-Wide, 20.00mm	
Shield Type	Ground Plane Shield	8-Row Shield Extraction Tool	0622016100
Shielded	Yes		
Voltage - Maximum	120V AC (RMS)/DC		
Solder Process Data			
Lead-freeProcess Capability	N/A		
Material Info			
Reference - Drawing Numbers			
Packaging Specification	PK-74060-003		
Product Specification	PS-74031-999		
Sales Drawing	SD-74060-002		
Note: HDM, HDM+, VHDM, VHDM-HSD and GbX are trademarks or registered trademarks of Amphenol TCS.			

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