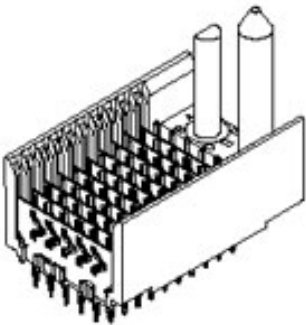


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Part Number: [0740592512](#)
Status: **Active**
Overview: [VHDM Backplane Connector Systems](#)
Description: VHDM Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6 Rows, Guide Pin Signal Module, Shield End Version, 150 Circuits, 25 Columns, Pin Length 6.25mm, Key Orientation A

Documents:
[3D Model](#) [Product Specification PS-74031-999-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

General	
Product Family	Backplane Connectors
Series	74059
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	Position A
Component Type	PCB Header
Overview	VHDM Backplane Connector Systems
Product Name	VHDM
UPC	800754804363
Physical	
Circuits (Loaded)	150
Circuits (maximum)	150
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	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	14.713/g
Number of Columns	25
Number of Pairs	Open Pin Field
Number of Rows	6
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
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	2.0A
Data Rate	3.125 Gbps
Shield Type	Ground Plane Shield



Series image - Reference only

EU ELV Not Relevant	
EU RoHS Compliant REACH SVHC Not Contained Per - ECHA_01_2020 (16 January 2020 Halogen-Free Status Low-Halogen For more information, please visit Contact US	China RoHS China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

Search Parts in this Series
[74059](#) Series

Mates With
[74030](#) 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	622015700
Repair Tool	
6-Row Pin and	622015800
Shield Repair Tool	
6-Row Shield	622016000
Extraction Tool	
Insertion Module	622020204
for Advanced Mate	
Signal Header, 6-	

Shielded	Yes	Row by 25-Wide,
Voltage - Maximum	120V AC (RMS)/DC	50.00mm
Material Info		Insertion Module <u>622020208</u>
		for Standard Shield
Reference - Drawing Numbers		Signal Header, 6-
Product Specification	PS-74031-999-001	Row by 25-Wide,
Sales Drawing	SD-74059-002	50.00mm

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