

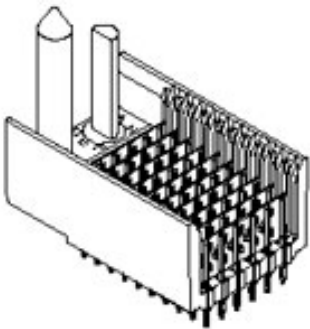
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Part Number: [0740582512](#)
Status: **Active**
Overview: [VHDM® Backplane Connector Systems](#)
Description: VHDM® Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6-Rows, Pin End Version, 150 Circuits, Pin Length 6.25mm. Series:74074 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-74058-003 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	Backplane Connectors
Series	74058
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	Keying Position A
Component Type	PCB Header
Overview	VHDM® Backplane Connector Systems
Product Name	VHDM®
UPC	800754816533
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	14.566/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
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical



Series image - Reference only

EU ELV
Not Relevant

EU RoHS
Compliant
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
ELV

Green Image
Not Relevant

Search Parts in this Series
[74058](#) Series

Mates With
[74030](#) 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 #
6-Row Pin and Shield Repair Tool	0622015800
Signal Pin Inserter Repair Tool	0622015700
6-Row Shield Extraction Tool	0622016000

Current - Maximum per Contact	2.0A	Insertion Module	<u>0622020204</u>
Data Rate	3.125 Gbps	for Advanced Mate	
Shield Type	Ground Plane Shield	Signal Header, 6-	
Shielded	Yes	Row by 25-Wide,	
Voltage - Maximum	120V AC (RMS)/DC	50.00mm	
Solder Process Data		Insertion Module	<u>0622020208</u>
Lead-freeProcess Capability	N/A	for Standard Shield	
Material Info		Signal Header, 6-	
		Row by 25-Wide,	
		50.00mm	
Reference - Drawing Numbers			
Packaging Specification	PK-74058-003		
Product Specification	PS-74031-999		
Sales Drawing	SD-74058-002		
Note: HDM, HDM+, VHDM, VHDM-HSD and GbX are trademarks or registered trademarks of Amphenol TCS.			

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