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Part Number:

0740592507

Status:

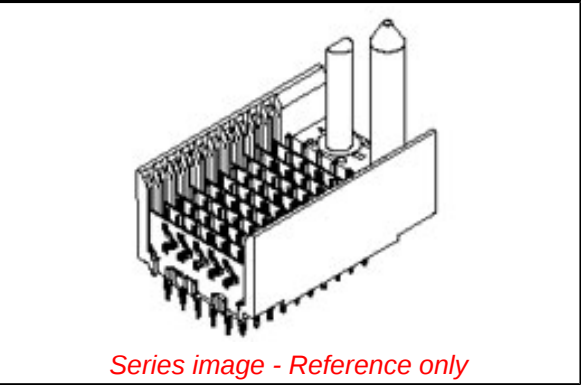
Active

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, 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	RoHS Certificate of Compliance (PDF)
Drawing (PDF)	

General	
Product Family	Backplane Connectors
Series	74059
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	No Keying Position
Component Type	PCB Header
Overview	VHDM® Backplane Connector Systems
Product Name	VHDM®
UPC	800756533568
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	None
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	13.820/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°C 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

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

74059 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

Shielded	Yes	Insertion Module	<u>0622020204</u>
Voltage - Maximum	120V AC (RMS)/DC	for Advanced Mate	
Solder Process Data		Signal Header, 6-	
Lead-freeProcess Capability	N/A	Row by 25-Wide,	
		50.00mm	
Material Info		Insertion Module	<u>0622020208</u>
		for Standard Shield	
Reference - Drawing Numbers		Signal Header, 6-	
Sales Drawing	SD-74059-002	Row by 25-Wide,	
Note: HDM, HDM+, VHDM, VHDM-HSD and GbX are trademarks or registered trademarks of Amphenol TCS.		50.00mm	

This document was generated on 07/11/2016

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