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Part Number:

0740581014

Status:

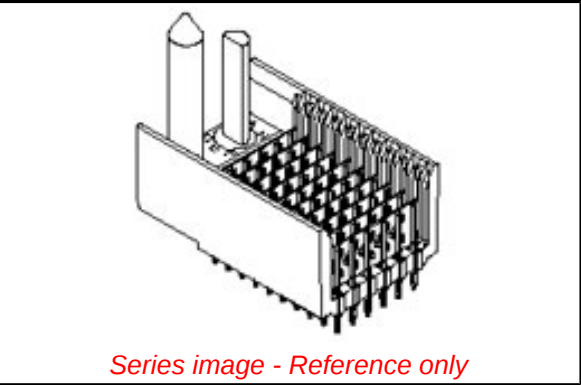
Active

Overview:

VHDM® Backplane Connector Systems

Description:

VHDM® Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6-Rows, Pin End Version, 60 Circuits, Pin Length 5.15mm. 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	Product Specification PS-74031-999 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
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	800753260092
Physical	
Circuits (Loaded)	60
Circuits (maximum)	60
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	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	7.950/g
Number of Columns	10
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

EU ELV
Not Relevant

EU RoHS Compliant	China RoHS
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REACH SVHC
Contains SVHC(2014 December 17): No
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
[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 #
Insertion Module for Advanced Mate Signal Header, 6-Row by 11-Wide, 20.00mm	0622011101
Insertion Module for Advanced Mate	0622020203

Termination Interface: Style	Through Hole - Compliant Pin	Signal Header, 6-Row by 10-Wide, 20.00mm
Electrical		Insertion Module <u>0622020207</u>
Current - Maximum per Contact	2.0A	for Advanced Mate
Data Rate	3.125 Gbps	Signal Header, 6-Row by 10-Wide, 20.00mm
Shield Type	Ground Plane Shield	Signal Pin Inserter <u>0622015700</u>
Shielded	Yes	Repair Tool
Voltage - Maximum	120V AC (RMS)/DC	6-Row Pin and <u>0622015800</u>
Solder Process Data		Shield Repair Tool
Lead-freeProcess Capability	N/A	6-Row Shield <u>0622016000</u>
Material Info		Extraction Tool
Reference - Drawing Numbers		
Product Specification	PS-74031-999	
Sales Drawing	SD-74058-002	
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