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Part Number:

0740581023

Status:

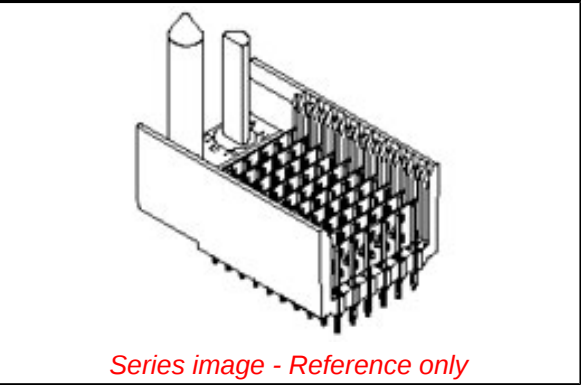
Active

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 4.25mm. Series:74074 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-74058-003 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-74031-999 (PDF)	

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	74058
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	Keying Position B
Component Type	PCB Header
Overview	VHDM® Backplane Connector Systems
Product Name	VHDM®
UPC	800753260139
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	7.890/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

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

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
Insertion Module for Advanced Mate Signal Header, 6-	0622020203

Temperature Range - Operating	105°C	Row by 10-Wide, 20.00mm
Termination Interface: Style	Through Hole - Compliant Pin	Insertion Module 0622020207
Electrical		for Advanced Mate
Current - Maximum per Contact	2.0A	Signal Header, 6-
Data Rate	3.125 Gbps	Row by 10-Wide, 20.00mm
Shield Type	Ground Plane Shield	Signal Pin Inserter 0622015700
Shielded	Yes	Repair Tool
Voltage - Maximum	120V AC (RMS)/DC	6-Row Shield 0622016000
Solder Process Data		Extraction Tool
Lead-freeProcess Capability	N/A	Insertion Module 0622011101
Material Info		for Advanced Mate
Reference - Drawing Numbers		Signal Header, 6-
Packaging Specification	PK-74058-003	Row by 11-Wide, 20.00mm
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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