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Part Number:

0740581012

Status:

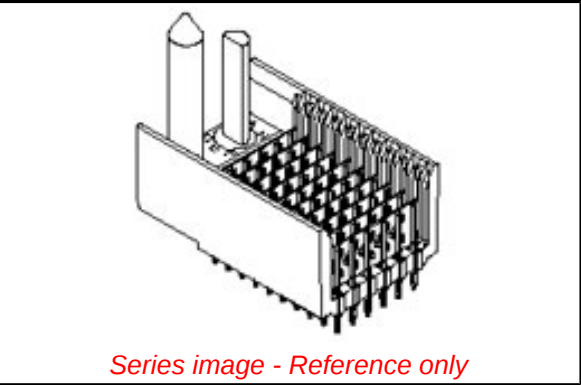
Active

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 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	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 A
Component Type	PCB Header
Overview	VHDM® Backplane Connector Systems
Product Name	VHDM®
UPC	800754804332
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	8.070/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

China 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

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 <u>0622020207</u>
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 <u>0622015700</u>
Shielded	Yes	Repair Tool
Voltage - Maximum	120V AC (RMS)/DC	6-Row Shield <u>0622016000</u>
Solder Process Data		Extraction Tool
Lead-freeProcess Capability	N/A	Insertion Module <u>0622011101</u>
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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