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Part Number:

0740589034

Status:

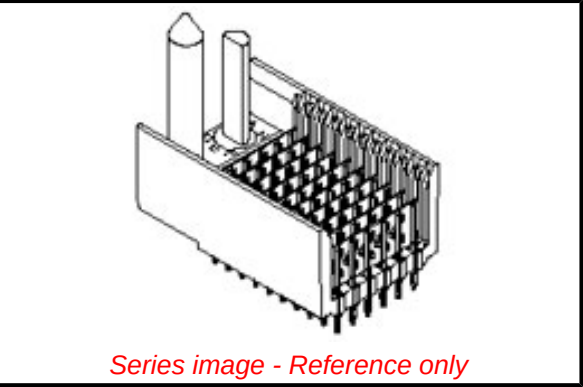
Active

Overview:

VHDM® Backplane Connector Systems

Description:

VHDM® Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6-Rows, Guide Pin Signal Module, 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:	
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
Component Type	PCB Header
Overview	VHDM® Backplane Connector Systems
Product Name	VHDM®
UPC	822350225229
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 - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Net Weight	7.950/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	

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

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	0622011101
for Advanced Mate	
Signal Header, 6-	
Row by 11-Wide,	
20.00mm	
Insertion Module	0622020203
for Advanced Mate	

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