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Part Number:	**0767638501**
Status:	**Active**
Overview:	VHDM® H-Series Backplane Connectors
Description:	VHDM® H-Series Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6-Row, Open End Module, Open Ends Version, 60 Circuits, Pin Length 4.75mm . Series:76764 Enables designers to create custom loaded connectors utilizing standard p

Documents:
3D Model
Drawing (PDF)
Product Specification PS-74031-999 (PDF)
Packaging Specification PK-74057-003 (PDF)
RoHS Certificate of Compliance (PDF)

Series image - Reference only

General

Product Family	Backplane Connectors
Series	76763
Application	Backplane
Application Tooling Documents	TM-622010999
Component Type	PCB Header
Overview	VHDM® H-Series Backplane Connectors
Product Name	VHDM® H-Series
UPC	884982231726

Physical

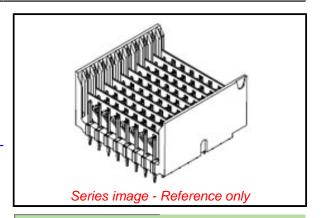|	
Circuits (Loaded)	150
Circuits (maximum)	150
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	10.885/g
Number of Columns	25
Number of Pairs	Open Pin Field
Number of Rows	6
Orientation	Vertical
PC Tail Length	1.83mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.83mm
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
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	1.0A

Search Parts in this Series
76763 Series

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
Insertion Module for Standard Shield Signal Header, 6-Row by 25-Wide, 50.00mm	0622020208

Data Rate	6.25 Gbps
Real Signals (per 25mm)	75
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Solder Process Data

Lead-freeProcess Capability	N/A

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-74057-003
Product Specification	PS-74031-999
Sales Drawing	SD-76763-001

Note: HDM, HDM+, VHDM, VHDM-HSD and GbX are trademarks or registered trademarks of Amphenol TCS.

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