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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](#) [Packaging Specification PK-74057-003 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-74031-999 \(PDF\)](#)

General

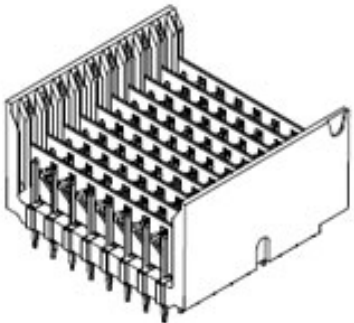
Product Family Backplane Connectors
Series [76763](#)
Application Backplane
Application Tooling Documents TM-622010999
Component Type PCB Header
Overview [VHDM® H-Series Backplane Connectors](#)
Product Name VHDM® H-Series
UPC 884982231726

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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 Not Reviewed
ELV Not Relevant

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
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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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