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**Part Number:** [0767628561](#)

**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, Guide Pin, Shield End Module, Open End Version, 150 Circuits, Pin Length 4.75mm, Keying Orientation F . Series:76764 Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75, 5.15 and 6.25mm

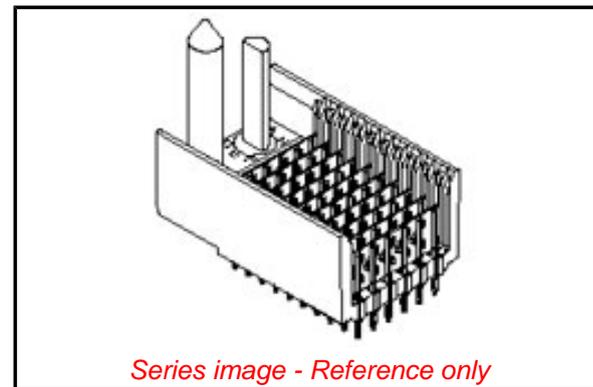
**Documents:**

[Drawing \(PDF\)](#)

[Product Specification PS-74031-999 \(PDF\)](#)

[Packaging Specification PK-74058-003 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)



*Series image - Reference only*

**General**

Product Family	Backplane Connectors
Series	<a href="#">76762</a>
Application	Backplane
Application Tooling Documents	<a href="#">TM-622010999</a>
Comments	Keying Orientation F
Component Type	PCB Header
Overview	<a href="#">VHDM® H-Series Backplane Connectors</a>
Product Name	VHDM® H-Series
UPC	884982398184

**Physical**

Circuits (Loaded)	150
Circuits (maximum)	150
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	Yes
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	16.513/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
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	2.0A
Data Rate	6.25 Gbps

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

**China RoHS**

Green Image

Not Relevant

**Search Parts in this Series**

[76762](#) 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	<a href="#">0622015800</a>
Signal Pin Inserter Repair Tool	<a href="#">0622015700</a>
6-Row Shield Extraction Tool	<a href="#">0622016000</a>
Insertion Module for Standard Shield Signal Header, 6-	<a href="#">0622020208</a>

Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Row by 25-Wide, 50.00mm
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**Solder Process Data**

Lead-free Process Capability	N/A
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**Material Info****Reference - Drawing Numbers**

Packaging Specification	PK-74058-003
Product Specification	PS-74031-999
Sales Drawing	SD-76762-001

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