

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0751170118**  
**Status:** **Active**  
**Overview:** VHDM Backplane Connector Systems  
**Description:** VHDM Single-Ended Board-to-Board Stacker Receptacle, 18mm Stack Height, 2.00mm Pitch, Vertical, 8 Rows, 80 Circuits, 0.76µm Gold (Au)

**Documents:**

[3D Model](#) [Product Specification PS-74031-999-001 \(PDF\)](#)  
[3D Model \(PDF\)](#) [Packaging Specification PK-70873-0750-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

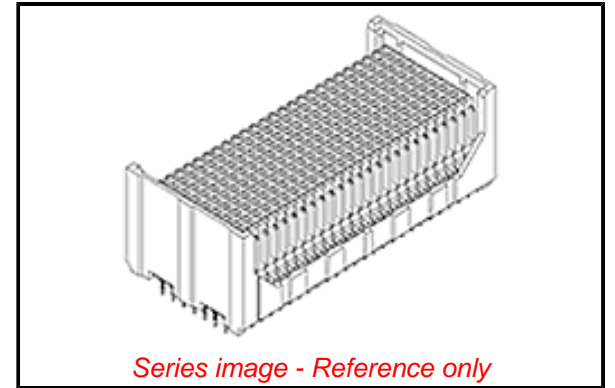
Product Family	Backplane Connectors
Series	75117
Application	Board-to-Board Mezzanine
Application Tooling Documents	TM-622010999-001
Comments	Stack Height 18.00mm, Lead-Free
Component Type	PCB Receptacle
Data Rate	3.125 Gbps
Overview	<a href="#">VHDM Backplane Connector Systems</a>
Product Name	VHDM
Taxonomy	Backplane Connectors
UPC	756054905852

**Physical**

Circuits (Loaded)	80
Circuits (maximum)	80
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-Nickel-Silicon, High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	13.060/g
Number of Columns	10
Number of Pairs	Open Pin Field
Number of Rows	8
Orientation	Vertical
PC Tail Length	2.85mm
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	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact	3.0A
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**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[75117 Series](#)

**Mates With**

[74060](#) VHDM Board-to-Board Backplane Header

Voltage - Maximum 120V AC (RMS)/DC

**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-70873-0750-001

Product Specification PS-74031-999-001

Sales Drawing SD-75117-001-001

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