

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

**General**

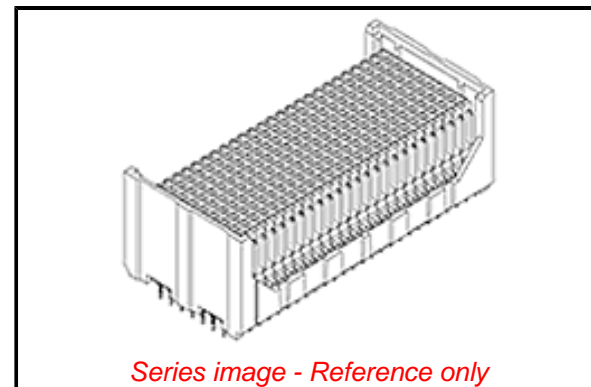
Product Family Backplane Connectors  
Series 75117  
Application Board-to-Board Mezzanine  
Application Tooling Documents TM-622010999  
Comments Stack Height 18.00mm, Lead-Free  
Component Type PCB Receptacle  
Overview VHDM Backplane Connector Systems  
Product Name VHDM  
UPC 756054905852

**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  
Data Rate 3.125 Gbps  
Voltage - Maximum 120V AC (RMS)/DC



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**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

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[75117 Series](#)

**Mates With**

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

**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 #**

Single Wafer

[0622021450](#)

Removal Tool, 8-

Row

**Solder Process Data**

Lead-free Process Capability

N/A

**Material Info****Reference - Drawing Numbers**

Packaging Specification

PK-70873-0750

Product Specification

PS-74031-999-001

Sales Drawing

SD-75117-001

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