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Part Number: **0751170118**
Status: **Active**
Overview: VHDM Backplane Connector Systems
Description: VHDM Single-Ended Board-to-Board Stacker Receptacle, 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

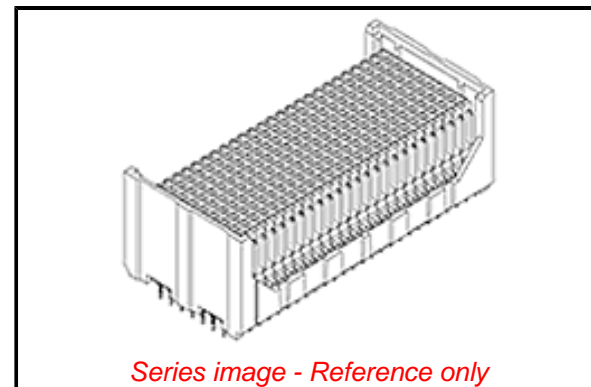
Product Family Backplane Connectors
Series 75117
Application Board-to-Board Mezzanine
Application Tooling Documents TM-622010999
Comments Stack Height 18.00mm, Lead-Free
Component Type PCB Receptacle
Overview VHDM Backplane Connector Systems
Product Name VHDM®
UPC 756054905852

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°C 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/30/2017 (7 July
2017)

Halogen-Free

Status

Low-Halogen

**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

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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