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Part Number: **0751171018**
Status: **Active**
Overview: VHDM Backplane Connector Systems
Description: VHDM Single-Ended Board-to-Board Stacker Receptacle, 2.00mm Pitch, Vertical, 8-Rows, 400 Circuits, 1.27µm Gold (Au)

Documents:

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

General

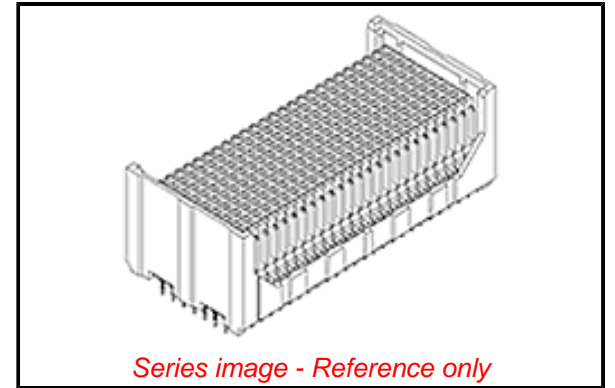
Product Family	Backplane Connectors
Series	75117
Application	Board-to-Board Mezzanine
Application Tooling Documents	TM-622010999
Comments	Stack Height 18.00mm, Lead-Free
Component Type	PCB Receptacle
Overview	VHDM Backplane Connector Systems
Product Name	VHDM®
UPC	756054668139

Physical

Circuits (Loaded)	400
Circuits (maximum)	400
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	57.896/g
Number of Columns	N/A
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	1.270µm
Plating min - Termination	1.270µm
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

Single Wafer
Removal Tool, 8-
Row

Product #

[0622021450](#)

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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