

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0751171018**
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, 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

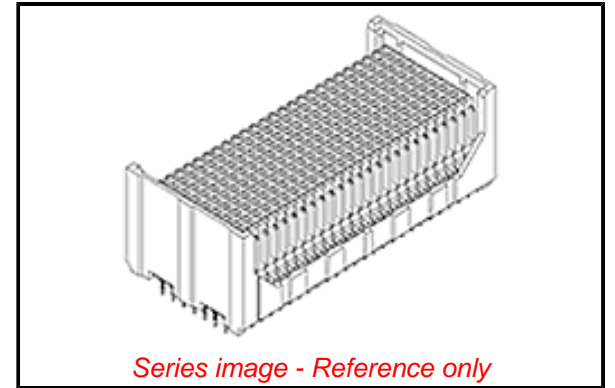
Product Family	Backplane Connectors
Series	75117
Application	Board-to-Board Mezzanine
Application Tooling Documents	TM-622010999
Comments	Stack Height 18.00mm, Lead-Free
Component Type	PCB Receptacle
Overview	VHDM Backplane Connector Systems
Product Name	VHDM
UPC	756054668139

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° 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
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

This document was generated on 09/10/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [High Speed/Modular Connectors](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[2332816-1](#) [89006-1137LF](#) [650827-1](#) [65762-001LF](#) [73474-201LF](#) [74040-1346](#) [74075-0267](#) [1410191-1](#) [1410337-1](#) [1410368-3](#) [1410964-2](#)
[1410367-3](#) [1410971-4](#) [1467833-1](#) [2000877-1](#) [2000878-1](#) [2041314-1](#) [2065387-1](#) [2187307-1](#) [2187462-1](#) [2226278-6](#) [KA81-07](#) [91290-101LF](#)
[163P](#) [1934290-1](#) [2000875-1](#) [2065917-1](#) [2102736-2](#) [FSR-40](#) [2169868-2](#) [2226279-2](#) [22354-8](#) [437-5040-000](#) [5-1393565-0](#) [532449-3](#) [532803-](#)
[2](#) [34745-0001](#) [0736440217](#) [1-1393708-5](#) [72388-0021LF](#) [73774-1000](#) [532939-1](#) [5-531355-3](#) [5532901-3](#) [85838-180LF](#)
[HM1S43TRR460H6PLF](#) [0760205010](#) [1-966831-4](#) [3-1469268-7](#) [77427-121LF](#)