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Part Number: [75117-0118](#)
Status: **Active**
Overview: VHDM® Backplane Connector Systems
Description: 2.00mm Pitch VHDM® Single-Ended Board-to-Board Stacker Receptacle, Vertical, 8-Row, 80 Circuits, 0.76µm Gold (Au)

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-74031-999 \(PDF\)](#)

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®
Style	N/A
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	Tin-Lead
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	3A
Data Rate	3.125 Gbps

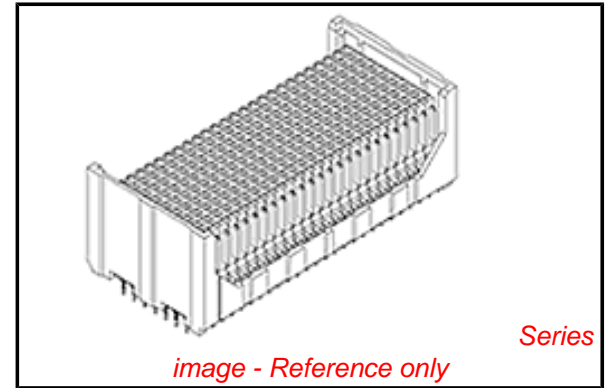


image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

75117Series

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 Removal Tool, 8-Row	0622021450

Voltage - Maximum

120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification

PS-74031-999

Sales Drawing

SD-75117-001

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