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Part Number: [0751170538](#)
Status: **Active**
Overview: [VHDM® Backplane Connector Systems](#)
Description: VHDM® Single-Ended Board-to-Board Stacker Guided Receptacle, 2.00mm Pitch, Vertical, 400 Circuits, 0.76µm Gold (Au)

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-70873-751 \(PDF\)](#)
[Product Specification PS-74031-999 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

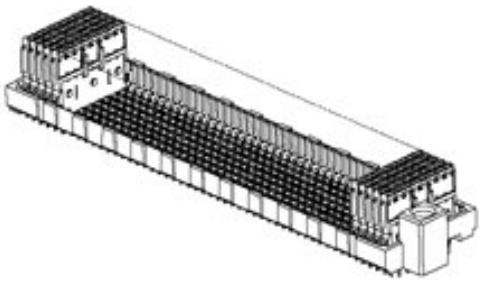
Product Family Backplane Connectors
Series [75117](#)
Application Board-to-Board Mezzanine
Application Tooling Documents TM-622010999
Comments Stack Height 18.00mm
Component Type PCB Receptacle
Overview [VHDM® Backplane Connector Systems](#)
Product Name VHDM®
UPC 800756728247

Physical

Circuits (Loaded) 400
Circuits (maximum) 400
Color - Resin Black
Durability (mating cycles max) 200
First Mate / Last Break No
Guide to Mating Part Yes
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 11574.800/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 Tray
Pitch - Mating Interface 2.00mm
Pitch - Termination Interface 1.00mm
Plating min - Mating 0.762µm
Plating min - Termination 0.762µm
Polarized to PCB Yes
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
Shield Type Ground Plane Shield
Shielded Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

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

Green Image
Not Relevant

Search Parts in this Series

[75117](#) Series

Mates With

VHDM® Board-to-Board Backplane
HeaderLink: [74061](#), [74060](#)

Voltage - Maximum

120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification

PK-70873-751

Product Specification

PS-74031-999

Sales Drawing

SD-75117-538

Note: HDM, HDM+, VHDM, VHDM-HSD and GbX are trademarks or registered trademarks of Amphenol TCS.

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