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Part Number: [0751971004](#)
Status: **Active**
Overview: VHDM® L-Series Backplane Connectors
Description: VHDM® L-Series Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 8-Row, Open Signal Module, 80 circuits, Pin Length 5.15m, Lead-Free

Documents:

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

General

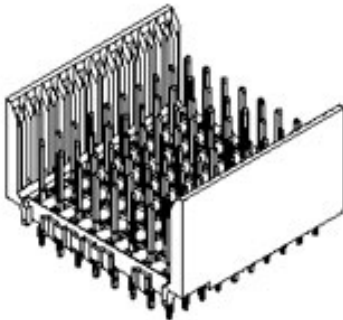
Product Family	Backplane Connectors
Series	75197
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	Open Header
Component Type	PCB Header
Overview	VHDM® L-Series Backplane Connectors
Product Name	VHDM Lite®
UPC	756054732755

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	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.087/g
Number of Columns	10
Number of Pairs	Open Pin Field
Number of Rows	8
Orientation	Vertical
PC Tail Length	2.50mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.80mm
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to PCB	Yes
Stackable	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	1.0A
Data Rate	622.0 Mbps
Real Signals (per 25mm)	72
Voltage - Maximum	120V AC (RMS)/DC



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2014 December 17): No

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

[75197](#) Series

Mates With

[75191](#) VHDM® Lite-Series Board-to-Board Daughtercard

Use With

Daughtercard Modules

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

Insertion Module
for Standard Shield
Signal Header, 8-

Product #

[0622020209](#)

Material Info

Reference - Drawing Numbers

Product Specification PS-74031-999
Sales Drawing SD-75197-001
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Row by 10-Wide,
20.00mm
Signal Pin Inserter 0622015700
Repair Tool

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