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Part Number: [75197-1004](#)
Status: **Active**
Overview: VHDM® L-Series Backplane Connectors
Description: 2.00mm Pitch VHDM® L-Series Single-Ended Board-to-Board Backplane Header, Vertical, 8-Row, Open Signal Module, 80 circuits, Pin Length 5.15mm

Documents:

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

General

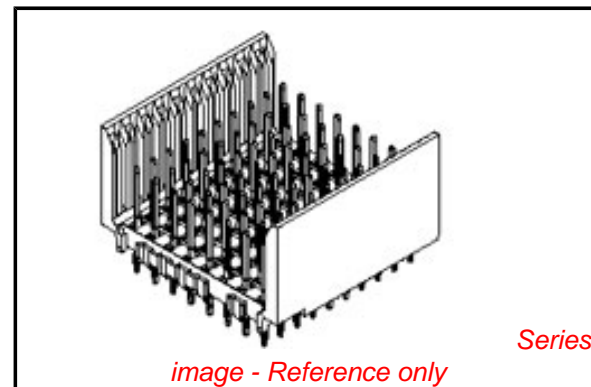
| | |
|-------------------------------|---|
| Product Family | Backplane Connectors |
| Series | 75197 |
| Application | Backplane |
| Application Tooling Documents | TM-622010999 |
| Comments | Open Header |
| Component Type | PCB Header |
| Overview | VHDM® L-Series Backplane Connectors |
| Product Name | VHDM Lite® |
| Style | N/A |
| 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-Lead |
| 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 | 1A |
| Data Rate | 622.0 Mbps |



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

[75197Series](#)

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 | Product # |
|--|----------------------------|
| Signal Pin Inserter | 0622015700 |
| Repair Tool | |
| Insertion Module for Standard Shield Signal Header, 8- | 0622020209 |

Real Signals (per 25mm)
Voltage - Maximum

72
120V AC (RMS)/DC

Row by 10-Wide,
20.00mm

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-74031-999
SD-75197-001

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This document was generated on 01/03/2013

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