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**Part Number:** [75194-8502](#)  
**Status:** **Active**  
**Overview:** VHDM® L-Series Backplane Connectors  
**Description:** 2.00mm Pitch VHDM® L-Series Single-Ended Board-to-Board Backplane Header, Vertical, 6-Row, Open Signal Module, 150 Circuits, Pin Length 6.25mm, Lead-Free

**Documents:**

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

**General**

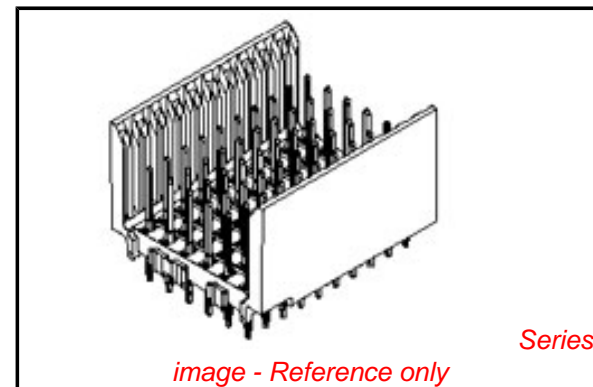
Product Family	Backplane Connectors
Series	75194
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	Open Header
Component Type	PCB Header
Overview	<a href="#">VHDM® L-Series Backplane Connectors</a>
Product Name	VHDM Lite®
Style	N/A
UPC	822350764780

**Physical**

Circuits (Loaded)	150
Circuits (maximum)	150
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	6.385/g
Number of Columns	25
Number of Pairs	Open Pin Field
Number of Rows	6
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
Pitch - Termination Interface	2.00mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to PCB	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	105°C
Termination Interface: Style	Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact	2A
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](mailto: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**

75194Series

**Mates With**

75189 VHDM® Lite 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	<a href="#">0622015700</a>
Repair Tool	
Insertion Module for Standard Shield Signal Header, 6-	<a href="#">0622020208</a>

Shielded  
Voltage - Maximum

No  
120V AC (RMS)/DC

Row by 25-Wide,  
50.00mm

**Material Info**

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-74031-999  
SD-75194-001

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