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Part Number: [75196-2504](#)
Status: **Active**
Overview: VHDM® L-Series Backplane Connectors
Description: 2.00mm Pitch 6-Row VHDM® L-Series Single-Ended Backplane Header, Right Angle, Shield End Version, 6 Row, 150 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	75196
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	No Keying Position
Component Type	PCB Header
Overview	VHDM® L-Series Backplane Connectors
Product Name	VHDM Lite®
Style	N/A
UPC	822348318797

Physical

Circuits (Loaded)	150
Circuits (maximum)	150
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	High Performance Alloy (HPA), Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
Net Weight	9.015/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
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	1A
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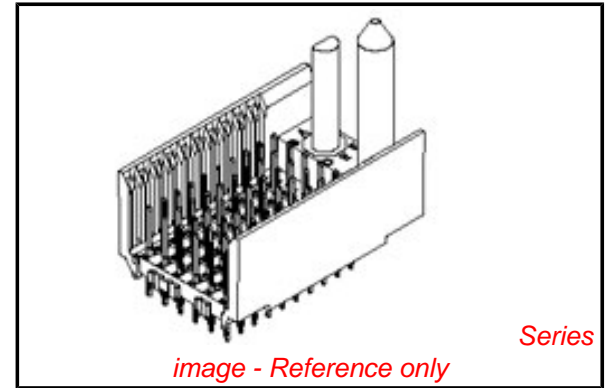


image - Reference only

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

[75196Series](#)

Mates With

[75189 VHDM® Lite Board-to-Board Daughtercard](#)

Use With

Backplane 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, 6-	0622020208

Data Rate	622.0 Mbps
Real Signals (per 25mm)	75
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

Row by 25-Wide, 50.00mm

Material Info

Reference - Drawing Numbers

Product Specification	PS-74031-999
Sales Drawing	SD-75196-001

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