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Part Number: [0751942501](#)
Status: **Active**
Overview: VHDM® L-Series Backplane Connectors
Description: VHDM® L-Series Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6-Row, Open Signal Module, 150 Circuits, Pin Length 4.75m, Lead-Free

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-74057-003 \(PDF\)](#)
[Product Specification PS-74031-999 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

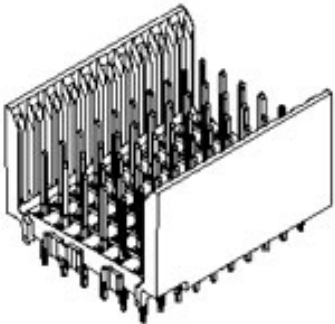
Product Family	Backplane Connectors
Series	75194
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	Open Header
Component Type	PCB Header
Overview	VHDM® L-Series Backplane Connectors
Product Name	VHDM® L-Series
UPC	822348443154

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	6.085/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	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	2.0A
Data Rate	622.0 Mbps
Voltage - Maximum	120V AC (RMS)/DC



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

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

[75194](#) Series

Mates With

[75189](#) VHDM® L-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	

Solder Process Data

Lead-freeProcess CapabilityN/A

Material Info

Reference - Drawing Numbers

Packaging SpecificationPK-74057-003
Product SpecificationPS-74031-999
Sales DrawingSD-75194-001

Insertion Module0622020208
for Standard Shield
Signal Header, 6-
Row by 25-Wide,
50.00mm

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

This document was generated on 09/30/2016

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