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Part Number: **0751941003**

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, 60 Circuits, Pin Length 4.25m, Lead-Free

Documents:

Drawing (PDF)

Product Specification PS-74031-999 (PDF)

Packaging Specification PK-74057-003 (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	756054732533

Physical
Circuits (Loaded)	60
Circuits (maximum)	60
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	2.438/g
Number of Columns	10
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
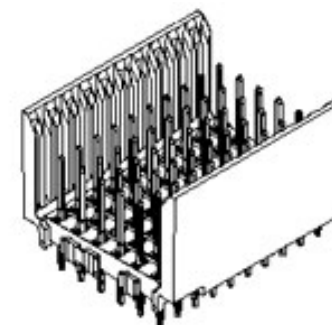
Series image - Reference only

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	Green Image
ELV	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 #
Insertion Module for Advanced Mate Signal Header, 6-	0622020207

Solder Process Data
Lead-freeProcess Capability   N/A

Material Info

Reference - Drawing Numbers
Packaging Specification   PK-74057-003
Product Specification   PS-74031-999
Sales Drawing   SD-75194-001
Note: HDM, HDM+, VHDM, VHDM-HSD and GbX are trademarks or registered trademarks of Amphenol TCS.

Row by 10-Wide, 20.00mm
Signal Pin Inserter   0622015700
Repair Tool

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