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Part Number: [0751870005](#)
Status: **Active**
Overview: [VHDM® Backplane Connectors](#)
Description: 2.00mm Pitch VDHM® L-Series Wafer for Single-Ended Board-to-Board Daughtercard Receptacle, Right Angle, 6-Row, Tin/Lead

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	Backplane Connectors
Series	75187
Application	Daughtercard
Application Tooling Documents	TM-622010999
Comments	Daughtecard Receptacle Module, Power, 2-blade, Daughtercard Module, Guidance, Daughtercard Receptacle Wafers, Signal
Component Type	PCB Receptacle
Overview	VHDM® Backplane Connectors
Product Name	VHDM®
Style	N/A
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	Copper-Nickel-Silicon, High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
Number of Columns	N/A
Number of Pairs	Open Pin Field
Number of Rows	6
Orientation	Right Angle
PC Tail Length	2.80mm
PCB Locator	No
PCB Retention	None
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	2.5 Gbps
Real Signals (per 25mm)	72

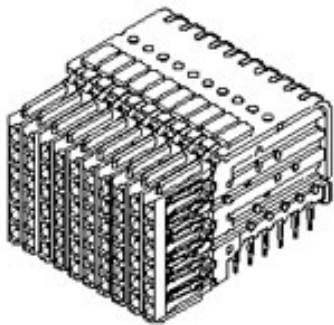


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Series

EU RoHS
RoHS Compliant by Exemption
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS

Pb

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
[75187Series](#)

Mates With
75194 VHDM® Lite Board-to-Board Header.
75195 VHDM® Lite Backplane Header.
75196 VHDM® Lite Backplane Header.
74029 VHDM® Board-to-Board Backplane Receptacle Power

Use With
Backplane Modules

Voltage - Maximum120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Sales DrawingSD-75187-001

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