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Part Number:

0774408504

Status:

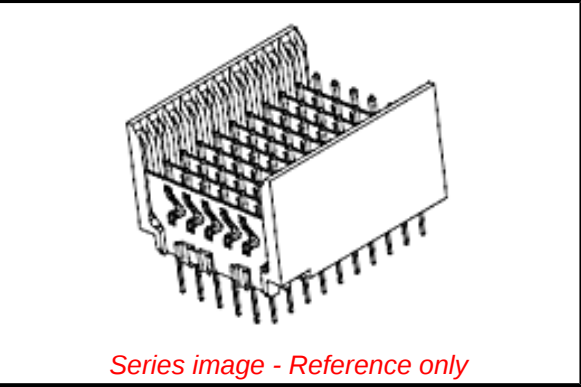
Active

Overview:

VHDM-HSD™ Backplane Connectors

Description:

VHDM® Open-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6-Rows, Open Signal Module, 150 Circuits, 25 Columns, Pin Length 5.15mm, 0.76µm Gold Plating



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	77440
Application	Backplane
Application Tooling Documents	TM-622010999
Component Type	PCB Header
Overview	VHDM-HSD™ Backplane Connectors
Product Name	VHDM®
UPC	887191122151
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	Copper-Nickel-Silicon, High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	13.285/g
Number of Columns	25
Number of Pairs	Open Pin Field
Number of Rows	6
Orientation	Vertical
PC Tail Length	5.16mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.80mm
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Termination	0.762µm
Polarized to PCB	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	2.0A
Data Rate	6.25 Gbps
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/79/2015 (17

December 2015)

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

77440 Series

Use With

Daughtercard Modules

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-74057-003
Product Specification	PS-74031-999
Sales Drawing	SD-77440-001

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

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