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Part Number: [0767628501](#)

Status: **Active**

Overview: [VHDM H-Series Backplane Connectors](#)

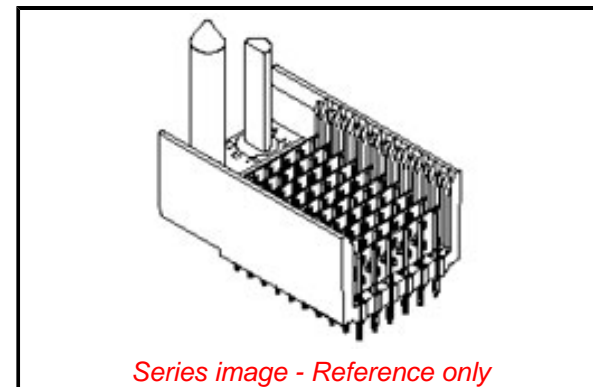
Description: VHDM H-Series Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6 Rows, Guide Pin, Shield End Module, Open End Version, 150 Circuits, Pin Length 4.75mm

Documents:

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Packaging Specification PK-74058-003 \(PDF\)](#)



Series image - Reference only

General

Product Family	Backplane Connectors
Series	76762
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	No Keying Position, No Keying Position
Component Type	PCB Header
Overview	VHDM H-Series Backplane Connectors
Product Name	VHDM H-Series
UPC	884982231313

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	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	13.515/g
Number of Columns	25
Number of Pairs	Open Pin Field
Number of Rows	6
Orientation	Vertical
PC Tail Length	1.83mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.83mm
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	1.00mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° 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

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

For more information, please visit [Contact US](#)

China ROHS

Not Reviewed

ELV

Not Relevant

RoHS Phthalates

Not Reviewed

Search Parts in this Series

[76762 Series](#)

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	622015700
Repair Tool	
6-Row Pin and Shield Repair Tool	622015800
6-Row Shield Extraction Tool	622016000
Insertion Module for Standard Shield	622020208
Signal Header, 6-Row by 25-Wide, 50.00mm	

Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Solder Process Data

Lead-free Process Capability	N/A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-74058-003
Sales Drawing	SD-76762-001

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