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Part Number:

0767629001

Status:

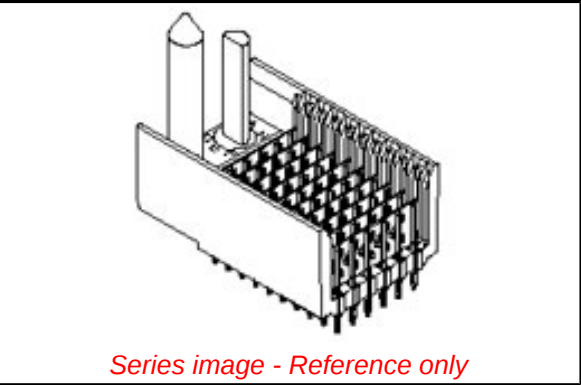
Active

Overview:

VHDM® H-Series Backplane Connectors

Description:

VHDM® H-Series Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6-Row, Guide Pin, Shield End Module, Open End Version, 60 Circuits, Pin Length 4.75mm . Series:76764 Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75, 5.15 and 6.25mm



Documents:

Drawing (PDF)

Product Specification PS-74031-999 (PDF)

Packaging Specification PK-74058-003 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Backplane Connectors
Series	76762
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	No Keying Position
Component Type	PCB Header
Overview	VHDM® H-Series Backplane Connectors
Product Name	VHDM® H-Series
UPC	884982231306
Physical	
Circuits (Loaded)	60
Circuits (maximum)	60
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	7.200/g
Number of Columns	10
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°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	2.0A
Data Rate	6.25 Gbps

EU ELV
Not Relevant

EU RoHS
Not Reviewed

REACH SVHC
Not Reviewed

Halogen-Free
Status
Not Reviewed

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

Not Reviewed

ELV

Not Relevant

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 #
6-Row Pin and Shield Repair Tool	0622015800
Insertion Module for Advanced Mate Signal Header, 6-Row by 10-Wide, 20.00mm	0622020207
Signal Pin Inserter Repair Tool	0622015700
6-Row Shield Extraction Tool	0622016000

Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Solder Process Data	
Lead-freeProcess Capability	N/A

Material Info

Reference - Drawing Numbers	
Packaging Specification	PK-74058-003
Product Specification	PS-74031-999
Sales Drawing	SD-76762-001

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

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