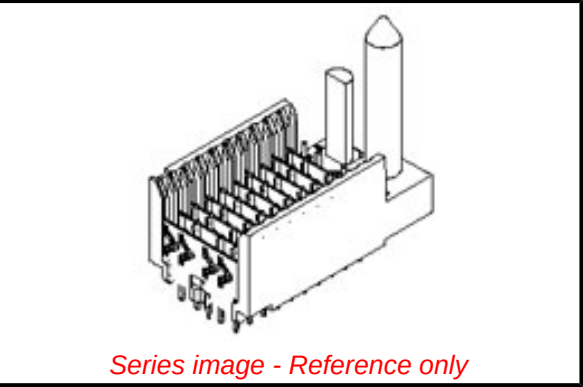


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Part Number: [0746972511](#)
Status: **Active**
Overview: VHDM-HSD™ Backplane Connectors
Description: VHDM-HSD™ Backplane Header, 2.00mm Pitch, 5-Row, Guide Pin Signal Module, Shield End Version, 100 Circuits, Pin Length 4.75mm, Keying Orientation A. Series:74702 Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75,



Documents:
[Drawing \(PDF\)](#) [Packaging Specification PK-74696-003 \(PDF\)](#)
[Product Specification PS-74031-999 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification	
CSA	LR19980
General	
Product Family	Backplane Connectors
Series	74697
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	Keying Orientation A
Component Type	PCB Header
Overview	VHDM-HSD™ Backplane Connectors
Product Name	VHDM-HSD™
UPC	800756607702
Physical	
Circuits (Loaded)	100
Circuits (maximum)	100
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA), Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	12.098/g
Number of Columns	25
Number of Pairs	Open Pin Field
Number of Rows	5
Orientation	Vertical
PC Tail Length	2.50mm
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
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

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
[74697](#) Series

Mates With
[74670](#) VHDM-HSD™ Daughtercard

Application Tooling FAQ	
<i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i>	
Global	
Description	Product #
Signal Header, 5-Row by 25-Wide, 50.00mm	0622020202
Signal Pin Inserter Repair Tool	0622015700
5-Row Pin and Shield Repair Tool	0622015810

Electrical		5-Row Shield	<u>0622016010</u>
Current - Maximum per Contact	1.0A	Extraction Tool	
Data Rate	5.0 Gbps		
Voltage - Maximum	120V AC (RMS)/DC		
Solder Process Data			
Lead-freeProcess Capability	N/A		
Material Info			
Reference - Drawing Numbers			
Packaging Specification	PK-74696-003		
Product Specification	PS-74031-999		
Sales Drawing	SD-74697-002		
Note: HDM, HDM+, VHDM, VHDM-HSD and GbX are trademarks or registered trademarks of Amphenol TCS.			

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