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**Part Number:** [0740622501](#)  
**Status:** **Active**  
**Overview:** VHDM Backplane Connector Systems  
**Description:** 2.00mm Pitch VHDM Single-Ended Board-to-Board Backplane Header, Vertical, 8 Rows, Guide Pin Signal Module, Shield End Version, 200 Circuits, 25 Columns, Pin Length 4.75mm

**Documents:**

<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification PS-74031-999-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-74061-003-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

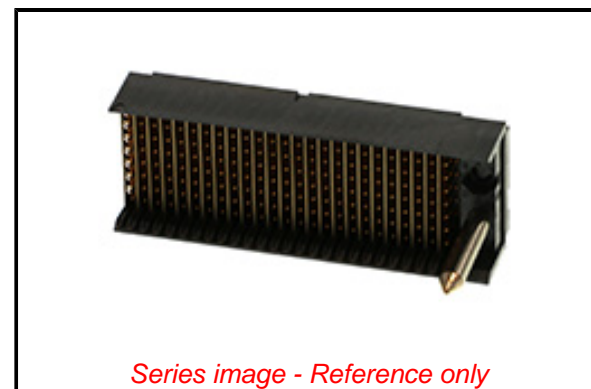
CSA LR19980

**General**

Product Family	Backplane Connectors
Series	<a href="#">74062</a>
Application	Backplane
Application Tooling Documents	TM-622010999-001
Comments	No Keying Position
Component Type	PCB Header
Overview	<a href="#">VHDM Backplane Connector Systems</a>
Product Name	VHDM
UPC	800754782227

**Physical**

Circuits (Loaded)	200
Circuits (maximum)	200
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	None
Material - Metal	Beryllium Copper, High Performance Alloy (HPA), Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
Net Weight	16.312/g
Number of Columns	25
Number of Pairs	Open Pin Field
Number of Rows	8
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
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 +105°C



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[74062](#) Series

**Mates With**

[74040](#) VHDM Board-to-Board Daughtercard  
Receptacle

**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 #
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Signal Pin Inserter	<a href="#">622015700</a>
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Repair Tool	
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8-Row Pin and	<a href="#">622015900</a>
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Shield Repair Tool	
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8-Row Shield	<a href="#">622016100</a>
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Extraction Tool	
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Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact 3.0A  
Data Rate 3.125 Gbps  
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-74061-003-001  
Product Specification PS-74031-999-001  
Sales Drawing SD-74062-002-001

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