Part Number: 0740622502

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 6.25mm

Series image - Reference only

Documents:
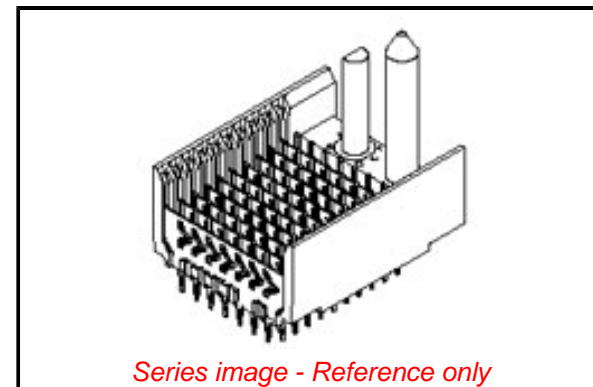|	
3D Model	Product Specification PS-74031-999-001 (PDF)
3D Model (PDF)	Packaging Specification PK-74061-003-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification
CSA   LR19980

General
Product Family	Backplane Connectors
Series	74062
Application	Backplane
Application Tooling Documents	TM-622010999-001
Comments	No Keying Position
Component Type	PCB Header
Overview	VHDM Backplane Connector Systems
Product Name	VHDM
UPC	800754782234

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	16.712/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

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 #
Signal Pin Inserter Repair Tool	622015700
8-Row Pin and Shield Repair Tool	622015900
8-Row Shield Extraction Tool	622016100

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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