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**Part Number:** [74060-2502](#)  
**Status:** **Active**  
**Overview:** [VHDM® Backplane Connector Systems](#)  
**Description:** VHDM® Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 8-Rows, Open Signal Module, 200 Circuits, Pin Length 6.25mm. Series:74075 Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75, 5.15 and 6.25mm

**Documents:**

[3D Model](#) [Product Specification PS-74031-999 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family Backplane Connectors  
 Series [74060](#)  
 Application Backplane  
 Application Tooling Documents TM-622010999  
 Comments Open Header  
 Component Type PCB Header  
 Overview [VHDM® Backplane Connector Systems](#)  
 Product Name VHDM®  
 UPC 800754780902

**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 No  
 Keying to Mating Part None  
 Material - Metal Beryllium Copper, High Performance Alloy (HPA)  
 Material - Plating Mating Gold  
 Material - Plating Termination Matte Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 14.028/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°C to +105°C

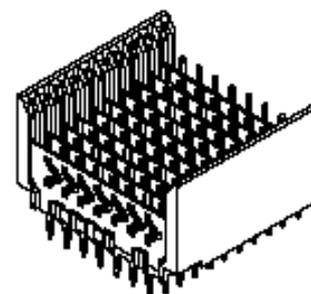


image - Reference only

Series

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[74060Series](#)

**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	<a href="#">0622015700</a>
Repair Tool	
8-Row Pin and Shield Repair Tool	<a href="#">0622015900</a>
8-Row Shield Extraction Tool	<a href="#">0622016100</a>
Insertion Module for Advanced Mate Signal Header, 6-	<a href="#">0622020206</a>

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

**Material Info**

**Reference - Drawing Numbers**

Product Specification

PS-74031-999

Sales Drawing

SD-74060-002

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Row by 25-Wide,  
50.00mm

Insertion Module 0622020210  
for Standard Shield  
Signal Header, 8-  
Row by 25-Wide,  
50.00mm

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