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**Part Number:** [74060-1001](#)  
**Status:** **Active**  
**Overview:** VHDM® Backplane Connector Systems  
**Description:** 2.00mm Pitch VHDM® Single-Ended Board-to-Board Backplane Header, Vertical, 8-Row, Open Signal Module, 80 Circuits, Pin Length 4.75mm. 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®  
 Style N/A  
 UPC 800754780872

**Physical**

Circuits (Loaded) 80  
 Circuits (maximum) 80  
 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 Tin-Lead  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 5.687/g  
 Number of Columns 10  
 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

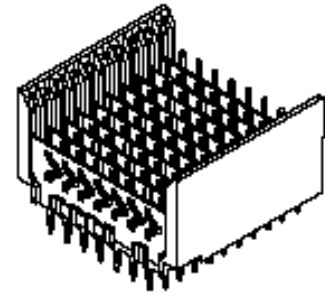


image - Reference only

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 #                  |
|---------------------------------------|----------------------------|
| Flat Rock Tooling for Pneumatic Press | <a href="#">0622013700</a> |
| Signal Pin Inserter Repair Tool       | <a href="#">0622015700</a> |
| 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    | <a href="#">0622020205</a> |

Temperature Range - Operating -55°C to +105°C  
Termination Interface: Style Through Hole - Compliant Pin

### Electrical

Current - Maximum per Contact 3A  
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

VHDM and Very High Density Metric are trademarks of Amphenol Corporation

Signal Header, 8-  
Row by 10-Wide,  
20.00mm  
Insertion Module 0622020209  
for Standard Shield  
Signal Header, 8-  
Row by 10-Wide,  
20.00mm

This document was generated on 01/03/2013

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