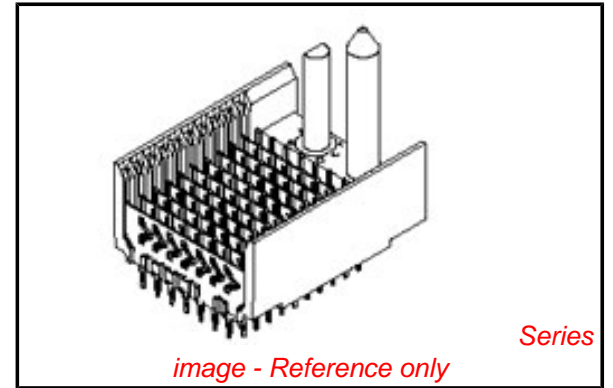


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**Part Number:** [74062-2503](#)  
**Status:** **Active**  
**Overview:** VHDM® Backplane Connector Systems  
**Description:** 2.00mm Pitch VHDM® Single-Ended Board-to-Board Backplane Header, Vertical, 8-Row, Guide Pin Signal Module, Shield End Version, 200 Circuits, Pin Length 4.25mm. Series:74075 Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75, 5.15 and 6.25mm

**Documents:**

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



**Agency Certification**

CSA LR19980

**General**

Product Family Backplane Connectors  
 Series [74062](#)  
 Application Backplane  
 Application Tooling Documents TM-622010999  
 Comments No Keying Position  
 Component Type PCB Header  
 Overview [VHDM® Backplane Connector Systems](#)  
 Product Name VHDM®  
 Style N/A  
 UPC 800753259775

**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 16.112/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

**EU RoHS**

**ELV and RoHS  
 Compliant  
 REACH SVHC  
 Not Reviewed  
 Low-Halogen Status  
 Not Reviewed**

**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**

[74062Series](#)

**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	<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	<a href="#">0622020206</a>

Surface Mount Compatible (SMC) Yes  
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-74062-002

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Signal Header, 6-  
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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