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**Part Number:** [74058-9102](#)  
**Status:** **Active**  
**Overview:** [VHDM® Backplane Connector Systems](#)  
**Description:** VHDM® Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6-Rows, Guide Pin Signal Module, Pin End Version, 60 Circuits, Advance Mate Shield, Pin Length 6.25mm. Series:74074 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 \(PDF\)](#)

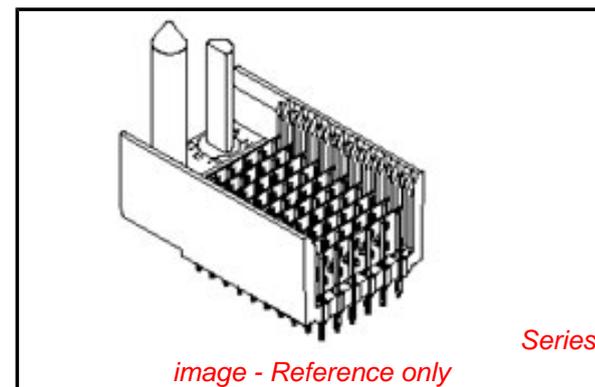


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**Agency Certification**

UL E29179

**General**

Product Family Backplane Connectors  
 Series [74058](#)  
 Application Backplane  
 Application Tooling Documents TM-622010999  
 Comments Advanced mate shield chevron can be used for the first mate last break (FMLB) grounding application.  
 Component Type PCB Header  
 Overview [VHDM® Backplane Connector Systems](#)  
 Product Name VHDM®  
 UPC 822350716659

**Physical**

Circuits (Loaded) 60  
 Circuits (maximum) 60  
 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 - Plating Mating Gold  
 Material - Plating Termination Matte Tin  
 Number of Columns 25  
 Number of Pairs Open Pin Field  
 Number of Rows 6  
 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 105°C  
 Termination Interface: Style Through Hole - Compliant Pin

**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**

74058Series

**Mates With**

74030 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 #
Insertion Module for Advanced Mate Signal Header, 6-Row by 11-Wide, 20.00mm	<a href="#">0622011101</a>
Insertion Module for Advanced Mate Signal Header, 6-Row by 10-Wide, 20.00mm	<a href="#">0622020203</a>

**Electrical**

Current - Maximum per Contact	2.0A
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-74058-003

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Insertion Module	<u>0622020207</u>
for Advanced Mate	
Signal Header, 6-	
Row by 10-Wide,	
20.00mm	

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