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Part Number: [74062-9016](#)
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, Lead-Free, 80 Circuits, Pin Length 4.75mm, Keying Pin Orientation A, Lead-Free. Series:74075 Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75, 5.15 and 6.25mm25, 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
UL E29179

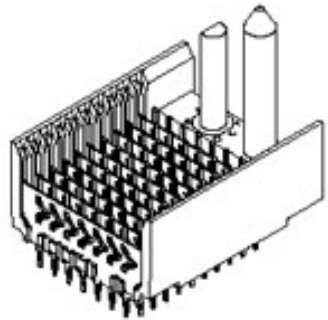
General

Product Family Backplane Connectors
Series [74062](#)
Application Backplane
Application Tooling Documents TM-622010999
Comments Keying Position A
Component Type PCB Header
Overview [VHDM® Backplane Connector Systems](#)
Product Name VHDM®
Style N/A
UPC 884982257153

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 Yes
Keying to Mating Part Yes
Material - Metal Beryllium Copper, High Performance Alloy (HPA), Stainless Steel

Material - Plating Mating Gold
Material - Plating Termination Matte Tin
Material - Resin High Temperature Thermoplastic
Net Weight 9.250/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



Series

image - Reference only

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
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	0622013700
Pneumatic Press	
Signal Pin Inserter	0622015700
Repair Tool	
8-Row Pin and	0622015900
Shield Repair Tool	
8-Row Shield	0622016100
Extraction Tool	
Insertion Module	0622020205
for Advanced Mate	

Plating min - Termination	0.762μm	Signal Header, 8- Row by 10-Wide, 20.00mm
Polarized to PCB	Yes	Insertion Module <u>0622020209</u>
Surface Mount Compatible (SMC)	Yes	for Standard Shield
Temperature Range - Operating	-55°C to +105°C	Signal Header, 8- Row by 10-Wide, 20.00mm
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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