

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0740621001](#)
Status: **Active**
Overview: VHDM Backplane Connector Systems
Description: 2.00mm Pitch VHDM Single-Ended Board-to-Board Backplane Header, Vertical, 8 Rows, Guide Pin Signal Module, Shield End Version, 80 Circuits, 10 Columns, Pin Length 4.75mm

Documents:

[3D Model](#) [Product Specification PS-74031-999-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Packaging Specification PK-74061-003-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family Backplane Connectors
 Series [74062](#)
 Application Backplane
 Application Tooling Documents TM-622010999-001
 Comments No Keying Position
 Component Type PCB Header
 Overview [VHDM Backplane Connector Systems](#)
 Product Name VHDM
 UPC 800754782203

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 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 8.242/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
 Temperature Range - Operating -55° to +105°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2021)4569-DC (8
 July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[74062](#) Series

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	622015700
Repair Tool	
8-Row Pin and	622015900
Shield Repair Tool	
8-Row Shield	622016100
Extraction Tool	

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

Packaging Specification	PK-74061-003-001
Product Specification	PS-74031-999-001
Sales Drawing	SD-74062-002-001

This document was generated on 01/17/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [High Speed/Modular Connectors](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[650827-1](#) [74040-1346](#) [1410191-1](#) [1410337-1](#) [1410368-3](#) [1410964-2](#) [1410326-3](#) [1410367-3](#) [1410971-4](#) [1467833-1](#) [2000877-1](#) [2000878-1](#)
[2041314-1](#) [2065387-1](#) [2187307-1](#) [163P](#) [1934290-1](#) [2000875-1](#) [2065917-1](#) [2102736-2](#) [FSR-40](#) [2169868-2](#) [22354-8](#) [437-5040-000](#) [5-](#)
[1393565-0](#) [039-0246-000](#) [0740618502](#) [0761601016](#) [0784461022](#) [10123159-12ELF](#) [030-2415-003/100 PK](#) [030-7380-004](#) [030-2494-001](#)
[532939-1](#) [5532901-3](#) [3-1469268-7](#) [74748-102LF](#) [73670-0247](#) [10041743-101LF](#) [10066670-100002LF](#) [1-533915-1](#) [249-4515-000](#) [7-1469373-](#)
[3](#) [DL2-2J/S](#) [2000713-8](#) [2000713-7](#) [10124313-101LF](#) [3011-21](#) [757105208](#) [EBTF-4-10-2.0-S-RA-1](#)