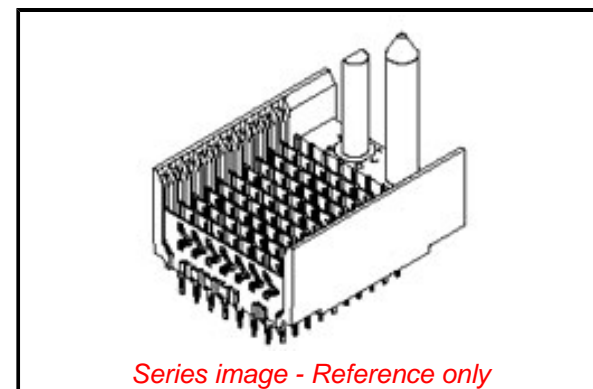


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Part Number: [0740621002](#)
Status: **Active**
Overview: VHDM Backplane Connector Systems
Description: 2.00mm Pitch VHDM Single-Ended Board-to-Board Backplane Header, Vertical, 8 Rows, Guide Pin Signal Module, Shield End Version, 80 Circuits, 10 Columns, Pin Length 6.25mm

Documents:

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



Agency Certification

UL E29179

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
 UPC 800754782210

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 8.402/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

EU ELV

Not Relevant

EU RoHS

Not Compliant

REACH SVHC

Not Contained Per - ED/61/2018 (27 June 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Prop65

PropRisk

PropRisk

PropRisk

PropSub

RoHS Phthalates

China RoHS

50 Image

Not Relevant

Duty-To-Declare

Cancer

Developmental toxicity

Reproductive toxicity

Lead and its

compounds

Not Contained

Search Parts in this Series

[74062](#) Series

Mates With

[74040](#) VHDM Board-to-Board Daughtercard Receptacle

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
Product Specification	PS-74031-999-001
Sales Drawing	SD-74062-002

This document was generated on 09/10/2018

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