

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0740401344](#)  
**Status:** **Active**  
**Overview:** [VHDM Backplane Connector Systems](#)  
**Description:** VHDM Daughtercard, 2.00mm Pitch, 8-Rows, 45 Wafers, 360 Circuits, Tin Lead, Guide Module

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-70873-5041-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

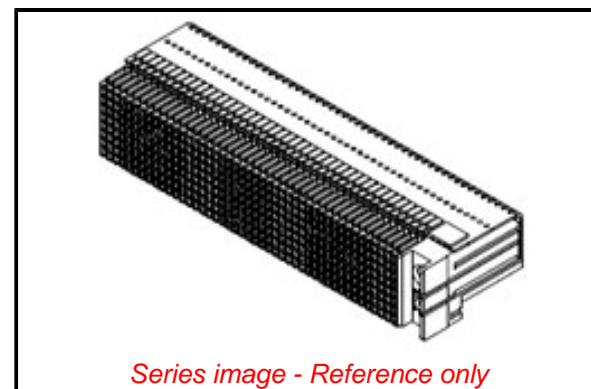
Product Family Backplane Connectors  
 Series [74040](#)  
 Application Backplane  
 Application Tooling Documents TM-622010999  
 Comments Daughter Card, Daughter Card  
 Component Type PCB Header  
 Overview [VHDM Backplane Connector Systems](#)  
 Product Name VHDM  
 UPC 883906551834

**Physical**

Circuits (Loaded) 360  
 Circuits (maximum) 360  
 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 N/A  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold  
 Material - Plating Termination Matte Tin  
 Material - Resin High Performance Thermoplastic  
 Net Weight 99.440/g  
 Number of Columns 45  
 Number of Pairs N/A  
 Number of Rows 8  
 Orientation Right Angle  
 PC Tail Length 2.80mm  
 PCB Locator No  
 PCB Retention None  
 PCB Thickness - Recommended 1.80mm  
 Packaging Type Tube  
 Pitch - Mating Interface 2.00mm  
 Plating min - Mating 0.762µm  
 Polarized to PCB No  
 Stackable Yes  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -55° to +80°C  
 Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact 1.0A



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/71/2019 (16 July 2019)

**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**

[74040 Series](#)

**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 #
Single Wafer Removal Tool	<a href="#">621004300</a>
Card Stiffener Removal Tool	<a href="#">622016200</a>
Insertion Module	<a href="#">622020214</a>

Data Rate	3.125 Gbps
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

**Solder Process Data**

Lead-free Process Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-70873-5041-001
Sales Drawing	SD-74040-1344

This document was generated on 09/06/2019

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