

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0740602504](#)

Status: **Active**

Overview: VHDM Backplane Connector Systems

Description: VHDM Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 8-Rows, Open Signal Module, 200 Circuits, Pin Length 5.15mm. Series:74075 Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75, 5.15 and 6.25mm

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-74031-999-001 \(PDF\)](#)

[Packaging Specification PK-74060-003 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

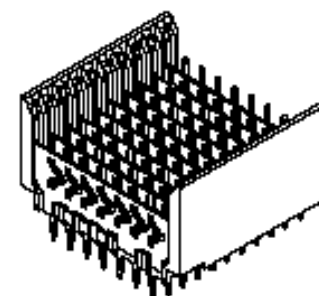
UL E29179

General

| | |
|-------------------------------|--|
| Product Family | Backplane Connectors |
| Series | 74060 |
| Application | Backplane |
| Application Tooling Documents | TM-622010999 |
| Comments | Open Header |
| Component Type | PCB Header |
| Overview | VHDM Backplane Connector Systems |
| Product Name | VHDM® |
| UPC | 800753260047 |

Physical

| | |
|--------------------------------|--|
| Circuits (Loaded) | 200 |
| Circuits (maximum) | 200 |
| Color - Resin | Black |
| Durability (mating cycles max) | 200 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Material - Metal | Beryllium Copper, High Performance Alloy (HPA) |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Matte Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 13.630/g |
| Number of Columns | 25 |
| 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°C to +105°C |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

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 | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

[74060](#) 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-74060-003 |
| Product Specification | PS-74031-999-001 |
| Sales Drawing | SD-74060-002 |

Note: HDM, HDM+, VHDM, VHDM-HSD and GbX are trademarks or registered trademarks of Amphenol TCS.

This document was generated on 08/14/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION