

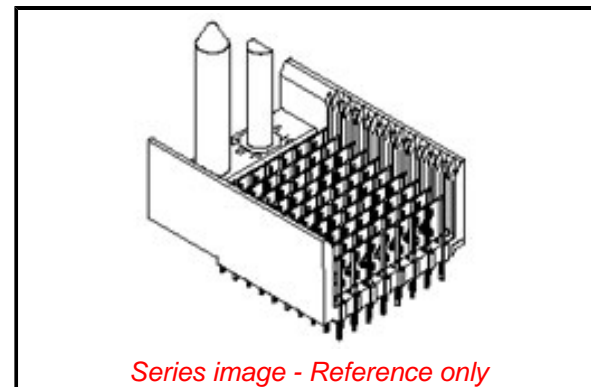
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Part Number: [0740611004](#)

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, Pin End Version, 80 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:

[Drawing \(PDF\)](#)

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

[Packaging Specification PK-74061-003 \(PDF\)](#)

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

General

| | |
|-------------------------------|--|
| Product Family | Backplane Connectors |
| Series | 74061 |
| Application | Backplane |
| Application Tooling Documents | TM-622010999 |
| Comments | No Keying Position |
| Component Type | PCB Header |
| Overview | VHDM Backplane Connector Systems |
| Product Name | VHDM® |
| UPC | 800753253599 |

Physical

| | |
|--------------------------------|--|
| Circuits (Loaded) | 80 |
| Circuits (maximum) | 80 |
| Color - Resin | Black |
| Durability (mating cycles max) | 200 |
| First Mate / Last Break | No |
| 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 | 8.375/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 | 105°C max |
| Termination Interface: Style | Through Hole - Compliant Pin |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
|-------------------------------|------|

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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[74061](#) Series

Mates With

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

| | |
|-------------------|---------------------|
| Data Rate | 3.125 Gbps |
| Shield Type | Ground Plane Shield |
| Shielded | Yes |
| Voltage - Maximum | 120V AC (RMS)/DC |

Solder Process Data

| | |
|------------------------------|-----|
| Lead-free Process Capability | N/A |
|------------------------------|-----|

Material Info**Reference - Drawing Numbers**

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

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

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