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**Part Number:** **0740581001**  
**Status:** **Active**  
**Overview:** VHDM Backplane Connector Systems  
**Description:** VHDM Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6 Rows, Pin End Version, 60 Circuits, 10 Columns, Pin Length 4.75mm

**Documents:**

[3D Model](#) [Packaging Specification PK-74058-003 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-74031-999-001 \(PDF\)](#)

**Agency Certification**

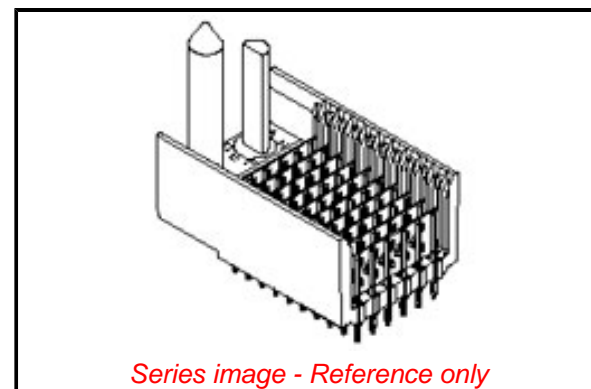
UL E29179

**General**

Product Family Backplane Connectors  
Series [74058](#)  
Application Backplane  
Application Tooling Documents TM-622010999  
Comments No Keying Position  
Component Type PCB Header  
Overview [VHDM Backplane Connector Systems](#)  
Product Name VHDM  
UPC 800754780452

**Physical**

Circuits (Loaded) 60  
Circuits (maximum) 60  
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 Matte Tin  
Material - Resin High Temperature Thermoplastic  
Net Weight 7.052/g  
Number of Columns 10  
Number of Pairs Open Pin Field  
Number of Rows 6  
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  
Termination Interface: Style Through Hole - Compliant Pin



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**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](mailto: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**

[74058 Series](#)

**Mates With**

[74030](#) VHDM Board-to-Board Daughtercard Receptacle

**Electrical**

Current - Maximum per Contact	2.0A
Data Rate	3.125 Gbps
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

**Solder Process Data**

Lead-freeProcess Capability	N/A
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**Material Info****Reference - Drawing Numbers**

Packaging Specification	PK-74058-003
Product Specification	PS-74031-999-001
Sales Drawing	SD-74058-002

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