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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

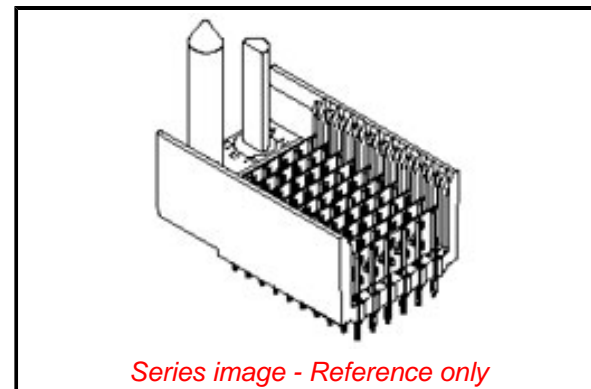
UL E29179

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
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

[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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