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Part Number:

0740601003

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, 80 Circuits, Pin Length 4.25mm. 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

Packaging Specification PK-74060-003 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-74031-999 (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

800753260009

Physical

Circuits (Loaded)

80

Circuits (maximum)

80

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

5.357/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

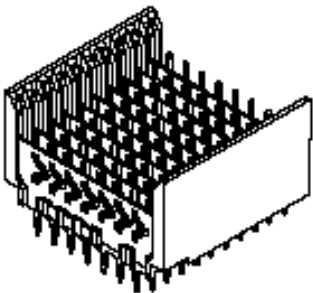
Yes

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-55°C to +105°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

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

Search Parts in this Series

74060 Series

Mates With

74040 VHDM® Board-to-Board
Daughtercard Receptacle

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 #
Insertion Module for Standard Shield Signal Header, 8- Row by 10-Wide, 20.00mm	0622020209

Termination Interface: Style	Through Hole - Compliant Pin	Signal Pin Inserter Repair Tool	0622015700
Electrical		8-Row Pin and Shield Repair Tool	0622015900
Current - Maximum per Contact	3.0A	Insertion Module for Advanced Mate	0622020205
Data Rate	3.125 Gbps	Signal Header, 8-Row by 10-Wide, 20.00mm	
Shield Type	Ground Plane Shield	8-Row Shield Extraction Tool	0622016100
Shielded	Yes		
Voltage - Maximum	120V AC (RMS)/DC		
Solder Process Data			
Lead-freeProcess Capability	N/A		
Material Info			
Reference - Drawing Numbers			
Packaging Specification	PK-74060-003		
Product Specification	PS-74031-999		
Sales Drawing	SD-74060-002		

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

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