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Part Number: 0740601102

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, 10 Columns, Advance Mate Shield, Pin Length

6.25mm

Documents:

<u>Drawing (PDF)</u> <u>Packaging Specification PK-74060-003 (PDF)</u>

Product Specification PS-74031-999-001 (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 Advanced mate shield chevron can be used for the first

mate last break (FMLB) grounding application.

Component Type PCB Header

Overview VHDM Backplane Connector Systems

Product Name VHDM

UPC 756054353486

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

Material - Metal

None

Beryllium Copper, High Performance Alloy (HPA)

Material - Plating Mating Gold
Material - Plating Termination Matte Tin

Material - Resin High Temperature Thermoplastic

Net Weight 5.687/g Number of Columns 10

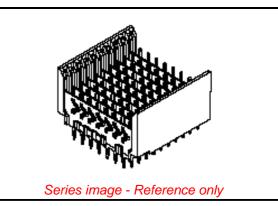
Number of Pairs Open Pin Field

Number of Rows 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 1.270um

Plating min - Termination 0.762µm
Polarized to PCB Yes
Surface Mount Compatible (SMC) Yes

Temperature Range - Operating -55° to +105°C

Termination Interface: Style Through Hole - Compliant Pin



EU ELV Not Relevant

EU RoHS China RoHS

Not Compliant REACH SVHC Contained Per -ED/61/2018 (27 June 2018)

Lead
Halogen-Free
Status
Low-Halogen

Need more information on product environmental compliance?

Email <u>productcompliance@molex.com</u>
Please visit the <u>Contact Us</u> section for any non-product compliance questions.

China ROHS 50 Image
ELV Not Relevant
Prop65 Duty-To-Declare

PropRisk Cancer

PropRisk Developmental toxicity
PropRisk Reproductive toxicity

PropSub Lead and its

compounds

RoHS Phthalates Not Contained

Search Parts in this Series

74060 Series

Mates With

74040 VHDM Board-to-Board Daughtercard

Receptacle

Electrical

Current - Maximum per Contact 3.0A
Data Rate 3.125 Gbps

Shield Type Ground Plane Shield

Shielded Ye

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-74031-999-001
Sales Drawing SD-74060-003

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