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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

Rows, Guide Pin Signal Module, Pin End Version, 80 Circuits, 10 Columns, Pin Length

5.15mm

Documents:

<u>Drawing (PDF)</u> <u>Packaging Specification PK-74061-003-001 (PDF)</u>

Product Specification PS-74031-999-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family Backplane Connectors

Series 74061 Application Backplane

Application Tooling Documents TM-622010999-001
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 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 $0.762 \mu m$ Polarized to PCB Yes

Surface Mount Compatible (SMC)

Temperature Range - Operating

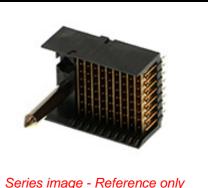
Yes

105°C max

Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 3.0A
Data Rate 3.125 Gbps



EU ELV

Not Relevant

EU RoHS China RoHS

Compliant REACH SVHC Not Contained Per -D(2021)4569-DC (8

July 2021) Halogen-Free

<u>Status</u>

Low-HalogenFor more information, please visit Contact US

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series

74061 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

DescriptionProduct #Signal Pin Inserter622015700

Repair Tool

8-Row Pin and <u>622015900</u>

Shield Repair Tool

8-Row Shield 622016100

Extraction Tool

Shield Type Ground Plane Shield

Shielded Yes

Voltage - Maximum 120V AC (RMS)/DC

Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers

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

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