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Part Number: [0746972612](#)

Status: **Active**

Overview: VHDM-HSD™ Backplane Connectors

Description: VHDM-HSD™ Backplane Header, 2.00mm Pitch, 5-Row, Guide Pin Signal Module, Shield Pin End Version, Advanced Mate Shield, 100 Circuits, Pin Length 6.25mm, Keying Orientation A. Series:74702 Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75, 5.15, and 6.25mm

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

[Product Specification PS-74031-999 \(PDF\)](#)

Agency Certification

CSA LR19980

General

Product Family Backplane Connectors

Series [74697](#)

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-HSD™ Backplane Connectors](#)

Product Name VHDM-HSD™

UPC 756054365823

Physical

Circuits (Loaded) 100

Circuits (maximum) 100

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 Yes

Material - Metal High Performance Alloy (HPA), Stainless Steel

Material - Plating Mating Gold

Material - Plating Termination Matte Tin

Material - Resin High Temperature Thermoplastic

Net Weight 12.298/g

Number of Columns 25

Number of Pairs Open Pin Field

Number of Rows 5

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

Plating min - Mating 0.762µm

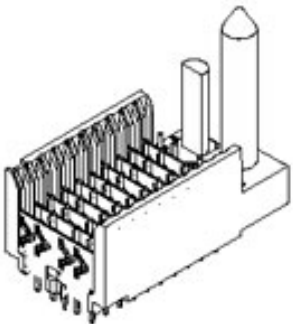
Plating min - Termination 0.762µm

Polarized to PCB Yes

Surface Mount Compatible (SMC) Yes

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

Termination Interface: Style Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

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

ELV

Green Image

Not Relevant

Search Parts in this Series

[74697](#) Series

Mates With

[74670](#) HSD Daughtercard

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 #
Signal Header, 5-Row by 25-Wide, 50.00mm	0622020202
5-Row Pin and Shield Repair Tool	0622015810
5-Row Shield Extraction Tool	0622016010

Electrical

Current - Maximum per Contact	1.0A
Data Rate	5.0 Gbps
Voltage - Maximum	120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-74031-999
Sales Drawing	SD-74697-003

VHDM-HSD is a trademark of Amphenol Corporation

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