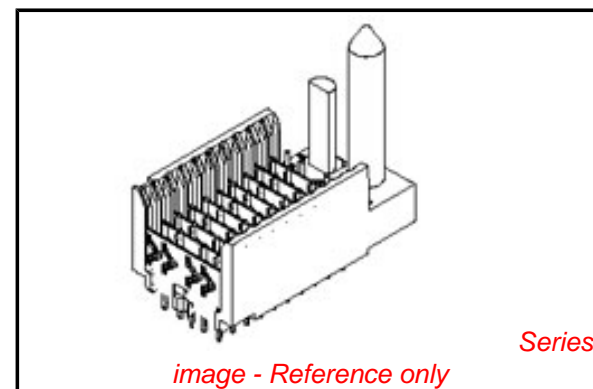


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Part Number: [74697-1031](#)
Status: **Active**
Overview: VHDM-HSD™ Backplane Connectors
Description: 2.00mm Pitch 5-Row VHDM-HSD™ Backplane Header, Guide Pin Signal Module, Shield End Version, 40 Circuits, Pin Length 4.75mm, Keying Orientation C. 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 Keying Orientation C
 Component Type PCB Header
 Overview [VHDM-HSD™ Backplane Connectors](#)
 Product Name VHDM-HSD™
 Style N/A
 UPC 756054470961

Physical

Circuits (Loaded) 40
 Circuits (maximum) 40
 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 Tin-Lead
 Material - Resin High Temperature Thermoplastic
 Number of Columns 10
 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

EU RoHS

ELV and RoHS Compliant
REACH SVHC Not Reviewed
Low-Halogen Status Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[74697Series](#)

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 Pin Inserter	0622015700
Repair Tool	
5-Row Pin and Shield Repair Tool	0622015810
5-Row Shield Extraction Tool	0622016010
Signal Header, 5-Row by 10-Wide, 20.00mm	0622020201

Electrical

Current - Maximum per Contact	1A
Data Rate	5.0 Gbps
Voltage - Maximum	120V AC (RMS)/DC

Material Info**Reference - Drawing Numbers**

Product Specification	PS-74031-999
Sales Drawing	SD-74697-002

VHDM-HSD is a trademark of Amphenol Corporation

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