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Part Number: [74695-2502](#)
Status: **Active**
Overview: VHDM-HSD™ Backplane Connectors
Description: VHDM-HSD™ Backplane Header, 2.00mm Pitch, 5-Row, Open Module, 100 Circuits, Pin Length 6.25mm. 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

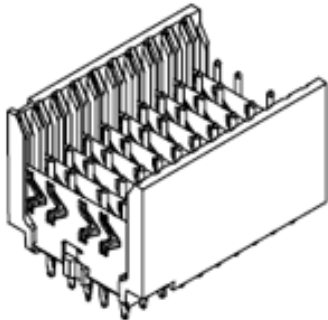
CSA LR19980
UL E29179

General

Product Family Backplane Connectors
Series [74695](#)
Application Backplane
Application Tooling Documents TM-622010999
Comments Open Header
Component Type PCB Header
Overview [VHDM-HSD™ Backplane Connectors](#)
Product Name VHDM-HSD™
Style N/A
UPC 800756620855

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 No
Keying to Mating Part None
Material - Metal High Performance Alloy (HPA)
Material - Plating Mating Gold
Material - Plating Termination Matte Tin
Material - Resin High Temperature Thermoplastic
Net Weight 9.467/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
Pitch - Termination Interface 2.00mm
Plating min - Mating 0.762µm
Plating min - Termination 0.762µm
Polarized to PCB Yes
Surface Mount Compatible (SMC) Yes



Series

image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

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
[74695Series](#)

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
Signal Pin Inserter Repair Tool	0622015700
5-Row Pin and Shield Repair Tool	0622015810
5-Row Shield Extraction Tool	0622016010

Temperature Range - Operating

Termination Interface: Style

-55°C to +105°C

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

Data Rate

Shield Type

Shielded

Voltage - Maximum

1A

5.0 Gbps

Ground Plane Shield

Yes

120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification

PS-74031-999

VHDM-HSD is a trademark of Amphenol Corporation

This document was generated on 12/09/2014

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