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Part Number: [0746491008](#)
Status: **Active**
Overview: vhdm_hsd
Description: 2.00mm (.079") Pitch 8-Row VHDM-HSD™ Backplane Header, Open Module, 80 Circuits, Pin Length 4.25mm (.167")

Documents:

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

Agency Certification

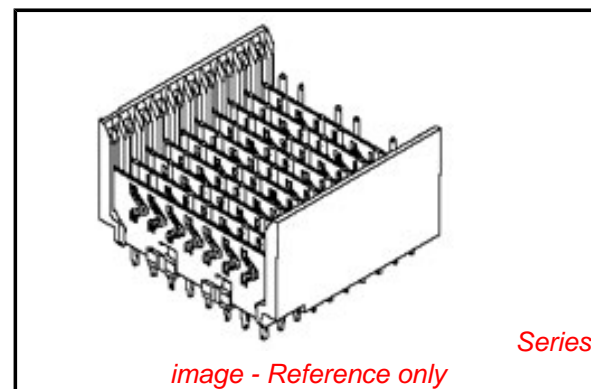
CSA LR19980
 UL E29179

General

Product Family Backplane Connectors
 Series [74649](#)
 Application Backplane
 Application Tooling Documents [Tooling Manual](http://www.molex.com/pdm_docs/ats/TM-622010999.pdf)
 Comments Open Header
 Component Type PCB Header
 Overview [vhdm_hsd](#)
 Product Name VHDM-HSD™
 Style N/A

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 None
 Material - Metal Copper-Nickel-Silicon, High Performance Alloy (HPA)
 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 8
 Orientation Vertical
 PC Tail Length 2.50mm (.098")
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.80mm (.071")
 Packaging Type Tube
 Pitch - Mating Interface 2.00mm (.079")
 Pitch - Termination Interface 2.00mm (.079")
 Plating min - Mating 1.270µm (50µ")
 Plating min - Termination 0.762µm (30µ")
 Polarized to PCB No
 Stackable No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -55°C to +105°C
 Termination Interface: Style Through Hole - Compliant Pin



EU RoHS

RoHS Compliant by Exemption
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

[74649Series](#)

Mates With

HSD Daughtercards [74680](#) , [74686](#)

Use With

Daughtercard Modules

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 #
VHDM® Insertion Module for Advanced Mate Signal Header, 8 Row by 10 Wide, 20.00mm (.787")	0622020205

Electrical

Current - Maximum per Contact	3A
Data Rate	5.0 Gbps
Real Signals (per 25mm)	100
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	250V

Material Info**Reference - Drawing Numbers**

Sales Drawing	SD-74649-002
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VHDM-HSD is a trademark of Amphenol Corporation

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