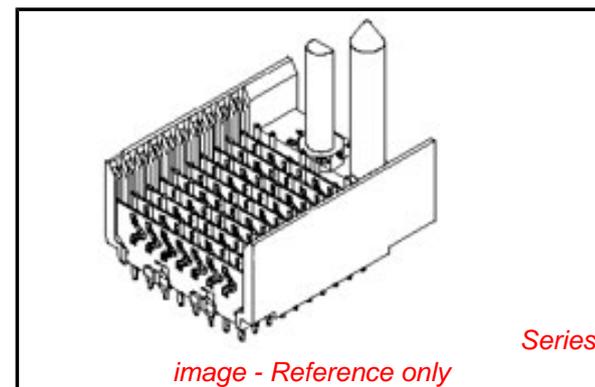


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [74651-2612](#)
Status: **Active**
Overview: VHDM-HSD™ Backplane Connectors
Description: VHDM-HSD™ Backplane Header, 2.00mm Pitch, 8-Row, Guide Pin Signal Module, Shield Pin End Version, Advanced Mate Shield, 150 Circuits, Pin Length 6.25mm, Keying Option A. Series:74659 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 [74651](#)
 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™
 Style N/A
 UPC 756054365861

Physical

Circuits (Loaded) 150
 Circuits (maximum) 150
 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 Copper-Nickel-Silicon, High Performance Alloy (HPA), Stainless Steel
 Material - Plating Mating Gold
 Material - Plating Termination Matte Tin
 Material - Resin High Temperature Thermoplastic
 Number of Columns 25
 Number of Pairs Open Pin Field
 Number of Rows 8
 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

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

[74651Series](#)

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 #
Insertion Module for Advanced Mate Signal Header, 6-Row by 25-Wide, 50.00mm	0622020206

Polarized to PCB	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	2A
Data Rate	5.0 Gbps
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-74031-999
Sales Drawing	SD-74651-003

VHDM-HSD is a trademark of Amphenol Corporation

This document was generated on 12/09/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION