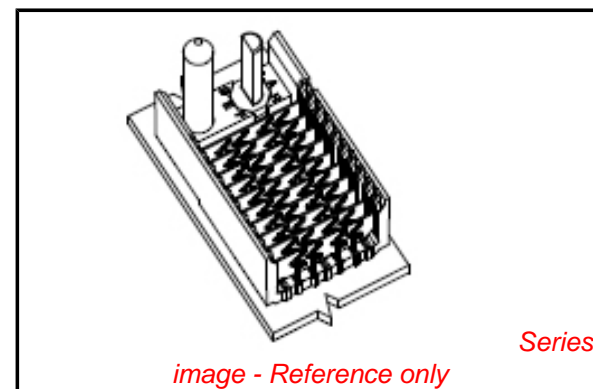


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Part Number: [74980-2512](#)
Status: **Active**
Overview: VHDM-HSD™ Backplane Connectors
Description: 2.00mm Pitch 6-Row VHDM-HSD™ Backplane Header, Guide Pin Signal Module, Pin End Version, 100 Circuits, Pin Length 6.25mm, Keying Orientation A. Series:74984
 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 [74980](#)
 Application Backplane
 Application Tooling Documents TM-622010999
 Comments Keying Orientation A
 Component Type PCB Header
 Overview [VHDM-HSD™ Backplane Connectors](#)
 Product Name VHDM-HSD™
 Style N/A
 UPC 822350643818

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 Copper-Nickel-Silicon, High Performance Alloy (HPA), Stainless Steel
 Material - Plating Mating Gold
 Material - Plating Termination Tin-Lead
 Material - Resin High Temperature Thermoplastic
 Net Weight 11.910/g
 Number of Columns 25
 Number of Pairs Open Pin Field
 Number of Rows 6
 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

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

[74980Series](#)

Mates With

[74880 VHDMHSD Daughtercard](#)

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 #
Signal Pin Inserter	0622015700
Repair Tool	
Insertion Module	0622020217
Signal Header, 6 Row by 25 Wide, 50.00mm	

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
Voltage - Maximum 120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification PS-74031-999
Sales Drawing SD-74980-010

VHDM-HSD is a trademark of Amphenol Corporation

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