

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0749790904

Status:

Active

Overview:

vhdm__hsd

Description:

2.00mm (.079") Pitch 6-Row VHDM-HSD™ Backplane Header, Open Module, 36 Circuits, Gold (Au) Selective 0.76µm (30µ"), Pin Length 5.15mm (.203")

Documents:

Drawing (PDF)

Product Specification PS-74031-999 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Application Tooling Documents

Comments

Component Type

Overview

Product Name

Style

Backplane Connectors

74979

Backplane

Tooling Manual

Open Header

PCB Header

vhdm__hsd

VHDM-HSD™

N/A

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Guide to Mating Part

Keying to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Columns

Number of Pairs

Number of Rows

Orientation

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

36

36

Black

200

No

No

None

Copper-Nickel-Silicon, High Performance Alloy (HPA)

Gold

Tin-Lead

High Temperature Thermoplastic

9

Open Pin Field

6

Vertical

None

0.070 In

1.80 mm

Tube

0.079 In

2.00 mm

30

0.75

30

0.75

Yes

Yes

Yes

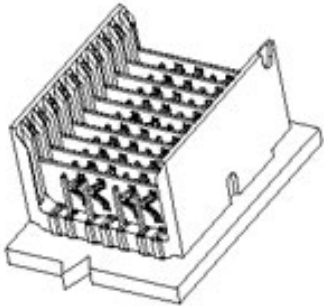
-55°C to +105°C

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

1A



Series

image - Reference only

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Pb

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

74979Series

Mates With

74880 VHDM\HSD Daughtercard. 74886 VHDM\HSD Hybrid 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 #

VHDM® Signal Pin

0622015700

Insertor Repair Tool

Data Rate	5.0 Gbps
Real Signals (per 25mm)	48
Voltage - Maximum	120V AC (RMS)/DC

Material Info

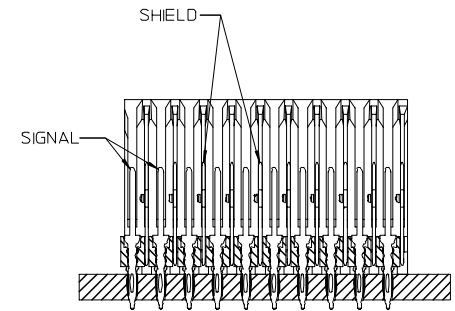
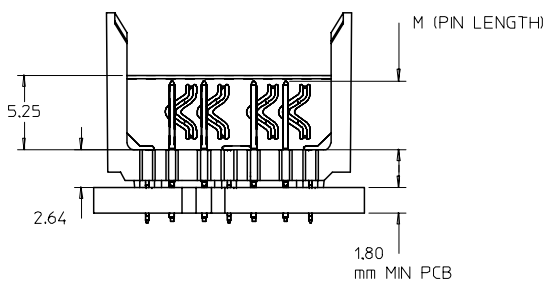
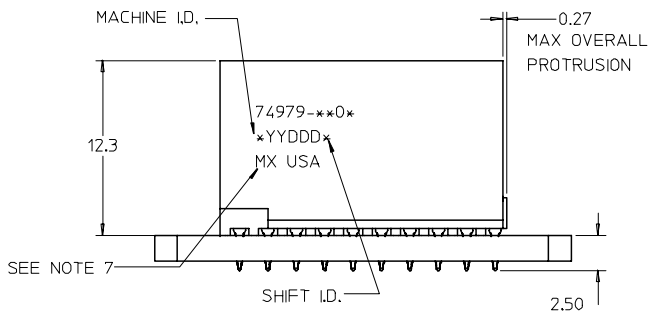
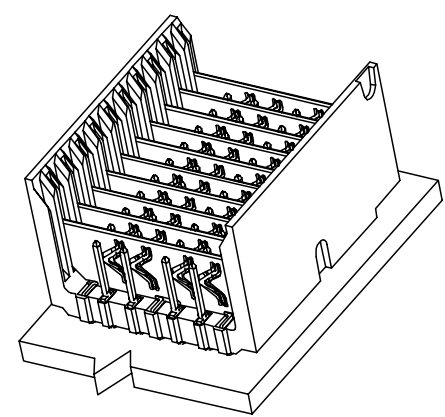
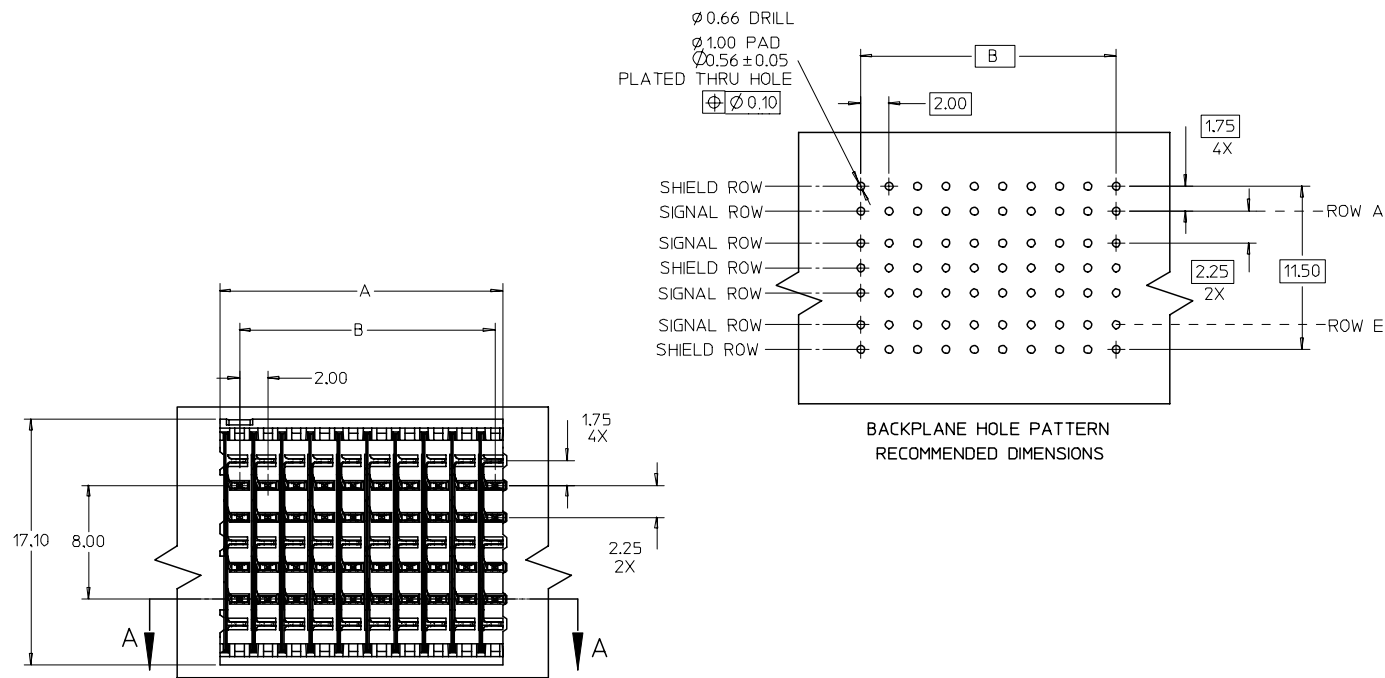
Reference - Drawing Numbers

Product Specification	PS-74031-999
Sales Drawing	SD-74979-010

VHDM-HSD is a trademark of Amphenol Corporation

This document was generated on 05/28/2010

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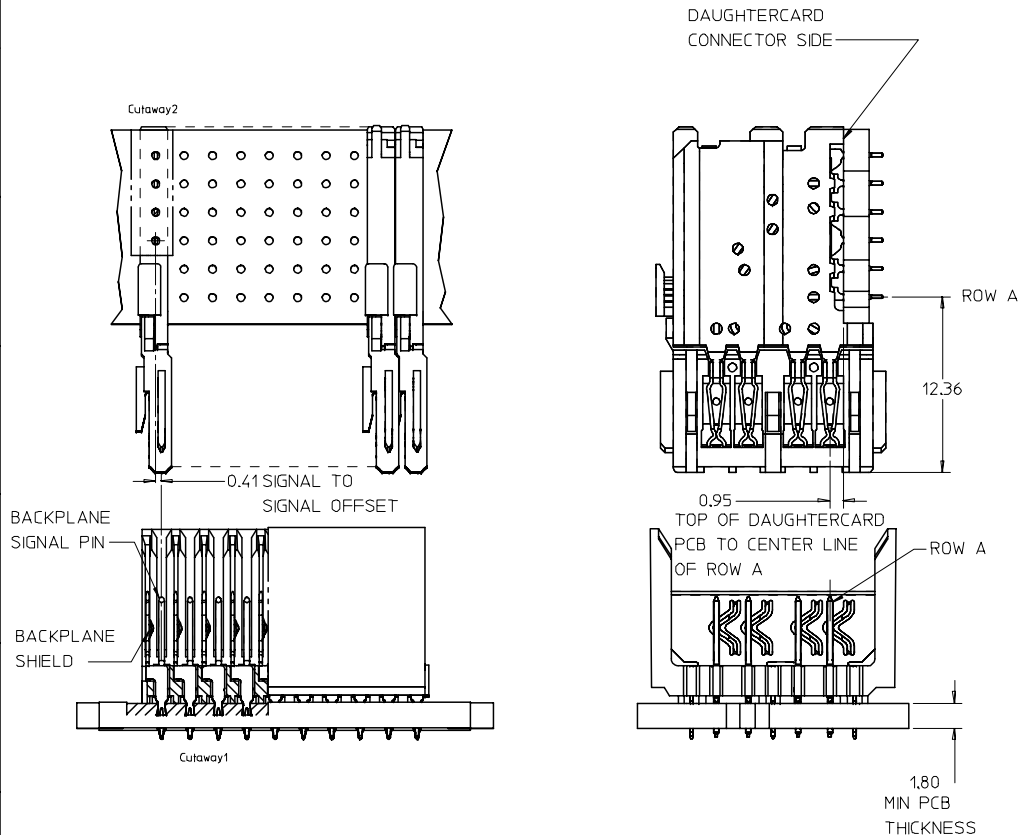
- NOTES:
1. MATERIAL: HOUSING - LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED. UL 94V-0. COLOR - BLACK. SIGNAL AND SHIELD - HIGH PERFORMANCE COPPER ALLOY.
 2. FINISHES:
 CONTACT AREA: SELECTIVE GOLD (Au)
 PCB TAILS: SELECTIVE TIN/LEAD (Sn/Pb) OR SELECTIVE MATTE TIN (Sn) NICKEL (Ni) OVERALL.
 3. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-74031-999.
 4. FOR MIXED CONTACT MATING LENGTHS CONSULT MOLEX FOR AVAILABILITY.
 5. FOR SPECIFIC PART NUMBER AND MATING INFORMATION REFER TO SHEET 2.
 6. PACKAGE PER PK-74057-003 FOR 10 & 25 COLUMN. PACKAGE PER PK-70873-0934 FOR THE 9 COLUMN CONNECTOR.
 7. EITHER MARK PART NUMBER AND DATE CODE APPROXIMATELY WHERE SHOWN OR PLACE LABEL ON TUBE.

ADD LEADFREE PINS EC NO: UCP2006-0067 DRWN: KMULVEY 2005/07/15 CHKD: 2005/07/18 APPR: SREED 2005/08/11	DESCRIPTION	QUALITY SYMBOLS ▽ = 0 ▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	
					DIMENSION STYLE MM ONLY		TITLE HSD SALES ASSEMBLY 6 ROW OPEN END BACKPLANE		
			4 PLACES	± ---	± ---	DRAWN BY NMARTIN	DATE 2002/05/03		
			3 PLACES	± ---	± ---	CHECKED BY SREED	DATE 2002/05/03		
			2 PLACES	± ---	± ---	MATERIAL NO., SD-74979-010			
			1 PLACE	± ---	± ---	DOCUMENT NO., SEE SHEET 2			
			ANGULAR ± ---°		SHEET NO., 1 OF 2				
			DRAFT WHERE APPLICABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
			MUST REMAIN WITHIN DIMENSIONS						
			REV						

12 11 10 9 8 7 6 5 4 3 2 74979

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PART NUMBER	COLUMN	NUMBER OF SIGNAL PINS	NUMBER OF SHIELDS	A	B	M	Au (um) MIN THICKNESS	Sn (um) THICKNESS
74979- x 901	9	36	9	18.00	16.00	4.75	0.76	0.76-152
74979- x 906							1.27	
74979- x 001	10	40	10	20.00	18.00		0.76	
74979- x 006							1.27	
74979- x 501	25	100	25	50.00	48.00		0.76	
74979- x 506							1.27	
74979- x 902	9	36	9	18.00	16.00	0.76		
74979- x 907						1.27		
74979- x 002	10	40	10	20.00	18.00	6.25	0.76	
74979- x 007						1.27		
74979- x 502	25	100	25	50.00	48.00	0.76		
74979- x 507						1.27		
74979- x 903	9	36	9	18.00	16.00	4.25	0.76	
74979- x 908							1.27	
74979- x 003	10	40	10	20.00	18.00		0.76	
74979- x 008							1.27	
74979- x 503	25	100	25	50.00	48.00		0.76	
74979- x 508							1.27	
74979- x 904	9	36	9	18.00	16.00	5.15	0.76	
74979- x 909							1.27	
74979- x 004	10	40	10	20.00	18.00		0.76	
74979- x 009							1.27	
74979- x 504	25	100	25	50.00	48.00		0.76	
74979- x 509							1.27	

MATERIAL NUMBER ASSIGNMENT

74979-** **

SEE TABLE

- NUMBER OF COLUMNS/PLATING
- 10 = 10 COLUMN TIN/LEAD
 - 25 = 25 COLUMN TIN/LEAD
 - 09 = 9 COLUMN TIN/LEAD
 - 90 = 10 COLUMN MATTE TIN
 - 85 = 25 COLUMN MATTE TIN
 - 99 = 9 COLUMN MATTE TIN

SEE SHEET 1 EC NO: UCP2006-0067 DRWN: KMULVEY 2005/07/15 CHKD: 2005/07/18 APPR: SREED 2005/08/11	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mmINCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ± ---°	SCALE 4:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
	DESCRIPTION <						

11 10 9 8 7 6 5 4 3 2 1



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
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- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
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- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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