

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0749799001

Status:

Active

Overview:

vhdm__hsd

Description:

2.00mm (.079") Pitch 6-Row VHDM-HSD™ Backplane Header, Open Module, 40 Circuits, Gold (Au) Selective 0.76µm (30µ"), Lead-Free, Pin Length 4.75mm (.187)

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

40

40

Black

200

No

No

None

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

Gold

Tin

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

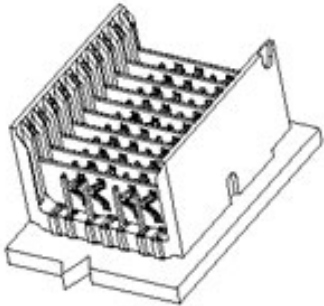
-55°C to +105°C

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

1A



Series

image - Reference only

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

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
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	
VHDM-HSD™ Signal	0622020216
Header, 6 Row by	
10 Wide, 20.00mm	
(.787")	

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

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-74057-003
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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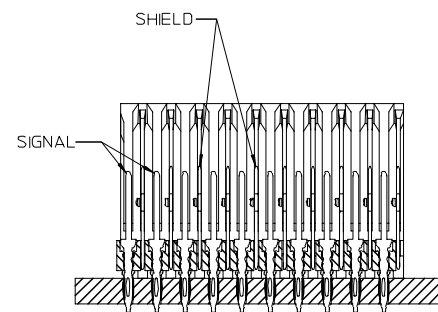
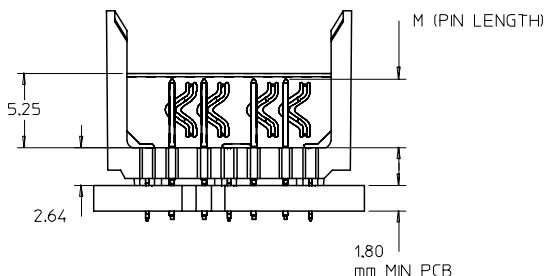
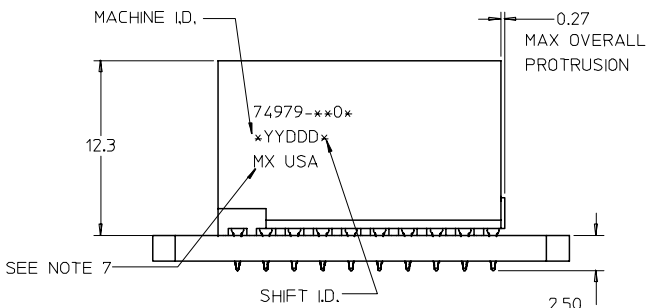
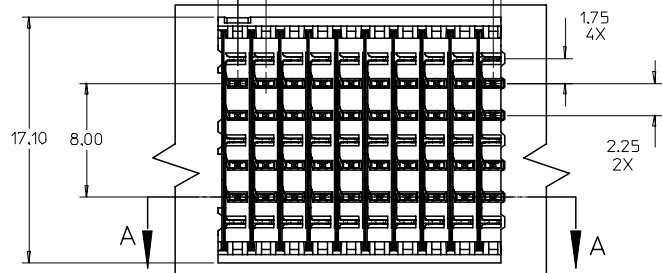
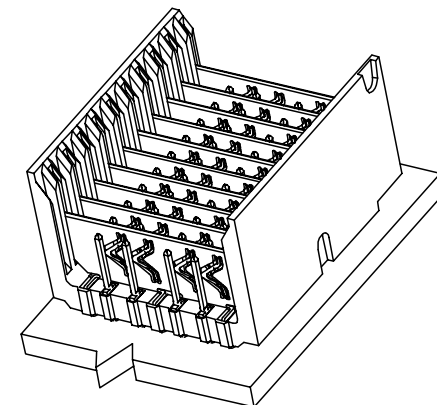
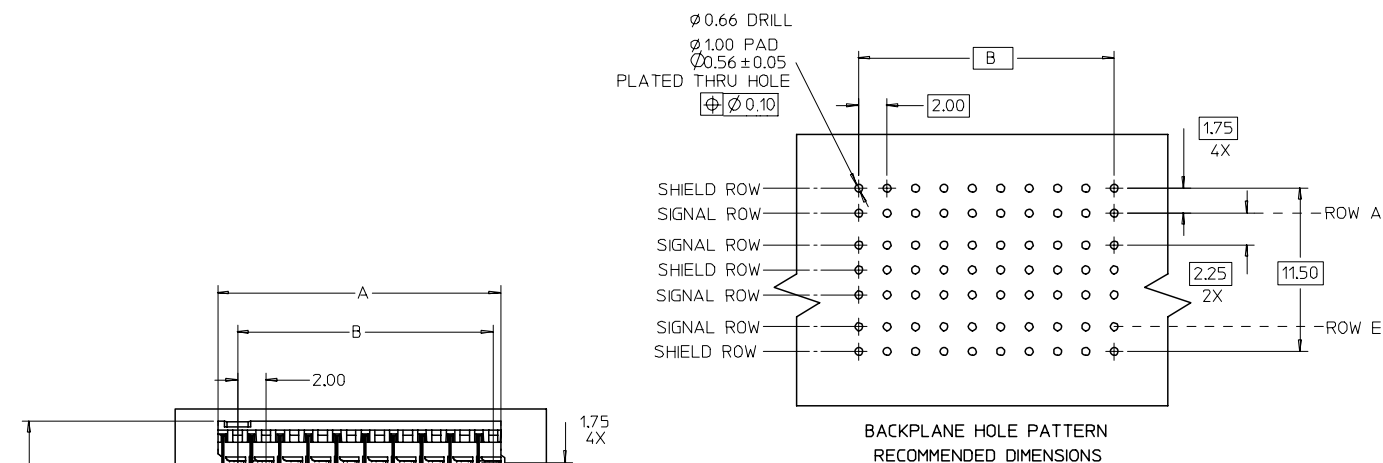
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SECTION A-A
ROTATED 180°

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	TITLE HSD SALES ASSEMBLY 6 ROW OPEN END BACKPLANE	
				mm	INCH	DIMENSION STYLE MM ONLY			
			4 PLACES	±---	±---	DRAWN BY			DATE
			3 PLACES	±---	±---	NMARTIN			2002/05/03
			2 PLACES	±---	±---	CHECKED BY			DATE
1 PLACE	±---	±---	SREED	2002/05/03	MOLEX INCORPORATED				
REV			DRAFT WHERE APPLICABLE		APPROVED BY	DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
			MUST REMAIN WITHIN DIMENSIONS		CBIXLER	2002/05/03	SEE SHEET 2	SD-74979-010	1 OF 2
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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DAUGHTERCARD
CONNECTOR SIDE

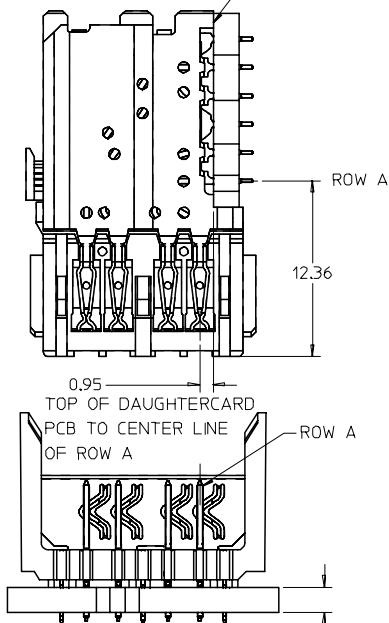
Cutaway2

BACKPLANE
SIGNAL PIN

BACKPLANE
SHIELD

0.41 SIGNAL TO
SIGNAL OFFSET

Cutaway1



1.80
MIN PCB
THICKNESS

PART NUMBER	COLUMN	NUMBER OF SIGNAL PINS	NUMBER OF SHIELDS	A	B	M	Au (um) MIN THICKNESS	Sn (um) THICKNESS	
74979-x901	9	36	9	18.00	16.00	4.75	0.76	0.76-152	
74979-x906							1.27		
74979-x001	10	40	10	20.00	18.00		0.76		
74979-x006							1.27		
74979-x501	25	100	25	50.00	48.00		0.76		
74979-x506							1.27		
74979-x902	9	36	9	18.00	16.00	0.76			
74979-x907						1.27			
74979-x002	10	40	10	20.00	18.00	6.25	0.76		
74979-x007							1.27		
74979-x502	25	100	25	50.00	48.00		0.76		
74979-x507							1.27		
74979-x903	9	36	9	18.00	16.00		0.76		
74979-x908							1.27		
74979-x003	10	40	10	20.00	18.00	4.25	0.76		
74979-x008							1.27		
74979-x503	25	100	25	50.00	48.00		0.76		
74979-x508							1.27		
74979-x904	9	36	9	18.00	16.00		5.15		0.76
74979-x909									1.27
74979-x004	10	40	10	20.00	18.00	0.76			
74979-x009						1.27			
74979-x504	25	100	25	50.00	48.00	0.76			
74979-x509						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)	SCALE 4:1		DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		REVISE ON CAD ONLY		
			DIMENSION STYLE		TITLE					
			MM ONLY		HSD SALES ASSEMBLY 6 ROW OPEN END BACKPLANE					
			DRAWN BY DATE		MOLEX INCORPORATED					
			NMARTIN 2002/05/03							
			CHECKED BY DATE							
			SREED 2002/05/03							
			APPROVED BY DATE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
			CBIXLER 2002/05/03		SEE TABLE		SD-74979-010		2 OF 2	
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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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;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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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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