

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0751952512

Status:

Active

Overview:

vhdm__hsd

Description:

2.00mm (.079") Pitch 6-Row VHDM® Lite Backplane Header, Left Shield End Version, 6 Row, 150 Circuits, Pin Length 6.25mm (.246")

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

75195

Backplane

Tooling Manual

Keying Position A

PCB Header

vhdm__hsd

VHDM Lite®

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

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. 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)

150

150

Black

200

No

Yes

Yes

High Performance Alloy (HPA), Stainless Steel

Gold

Tin-Lead

High Temperature Thermoplastic

25

Open Pin Field

6

Vertical

0.098 In

2.50 mm

No

Yes

0.071 In

1.80 mm

Tube

0.079 In

2.00 mm

0.079 In

2.00 mm

30

0.75

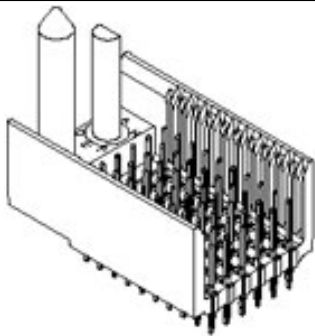
30

0.75

No

No

Yes



Series

image - Reference only

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

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

75195Series

Mates With

75189 VHDM® Lite Board-to-Board 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 #
VHDM® Signal Pin	0622015700
Insertor Repair Tool	
VHDM® Insertion	0622020208
Module for Standard Shield Signal Header, 6 Row by	

Temperature Range - Operating	105°C	25 Wide, 50.00mm
Termination Interface: Style	Through Hole - Compliant Pin	(1.97")

Electrical

Current - Maximum per Contact	2A
Data Rate	622.0 Mbps
Real Signals (per 25mm)	76
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

Material Info

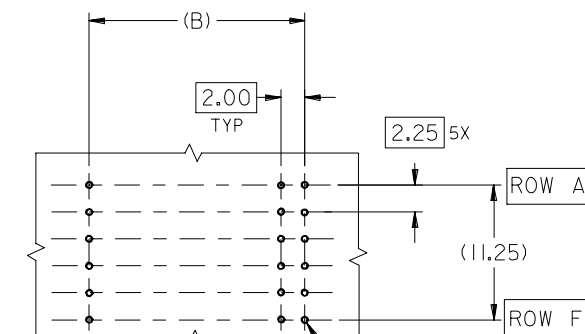
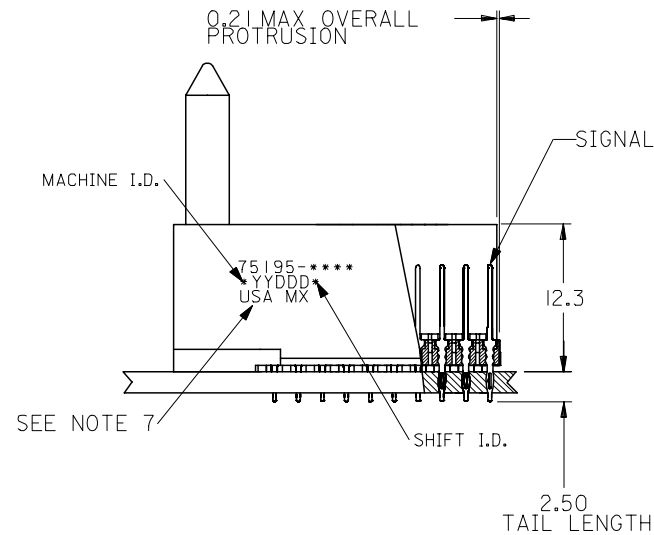
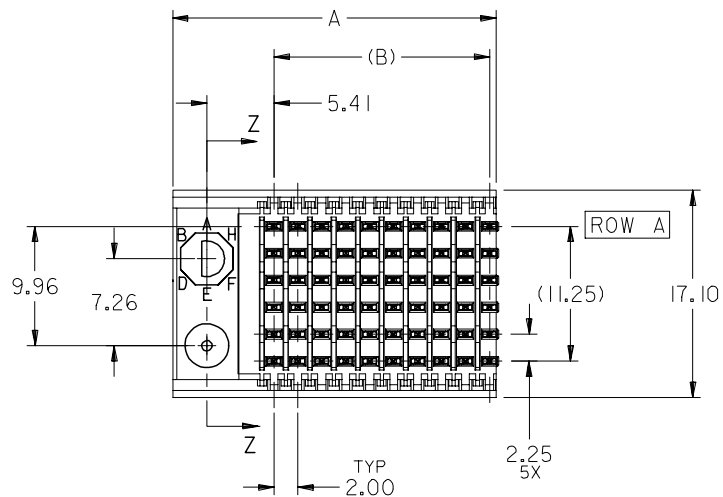
Reference - Drawing Numbers

Product Specification	PS-74031-999
Sales Drawing	SD-75195-001

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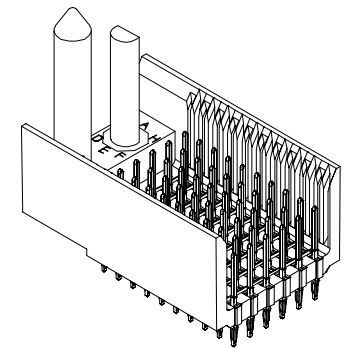


BACKPLANE HOLE PATTERN
RECOMMENDED DIMENSIONS

Ø0.56 ±0.05 PTH
Ø0.66 DRILL
Ø1.00 PAD
⌀ Ø0.10

NOTES:

1. MATERIALS:
HOUSING - LIQUID CRYSTAL POLYMER (LCP),
GLASS-FILLED, UL 94V-0, COLOR: BLACK
SIGNAL PIN - 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 LENGTHS CONSULT
MOLEX FOR AVAILABILITY
5. FOR SPECIFIC MATERIAL NUMBERS & MATING
INFORMATION REFER TO SHEET 2
6. PACKAGE PER PK-74058-003
7. EITHER MARK PART WITH PART NUMBER & DATE
CODE APPROXIMATELY WHERE SHOWN OR PLACE
LABEL ON THE TUBE.



ADD LEADFREE PINS EC NO: UCP2006-0059 2005/07/13 DRAWN: KMULVEY 2005/07/13 CHKD: 2005/07/15 APPR: SREED	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2.5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY MBANDURA	DATE 2003/01/06	TITLE VHDM LITE 6 ROW SIGNAL END BACKPLANE SALES ASSEMBLY			
			4 PLACES ± --- ± ---	CHECKED BY NMARTIN	DATE 2003/01/06					
			3 PLACES ± --- ± ---	APPROVED BY CBIXLER	DATE 2003/01/06	MOLEX MOLEX INCORPORATED				
			2 PLACES ± --- ± ---	ANGULAR ±1/2°						
			1 PLACE ± --- ± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2		SD-75195-001		1 OF 2	
REV	SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

10 9 8 7 6 5 4 3 2 1

M/N
75195-()

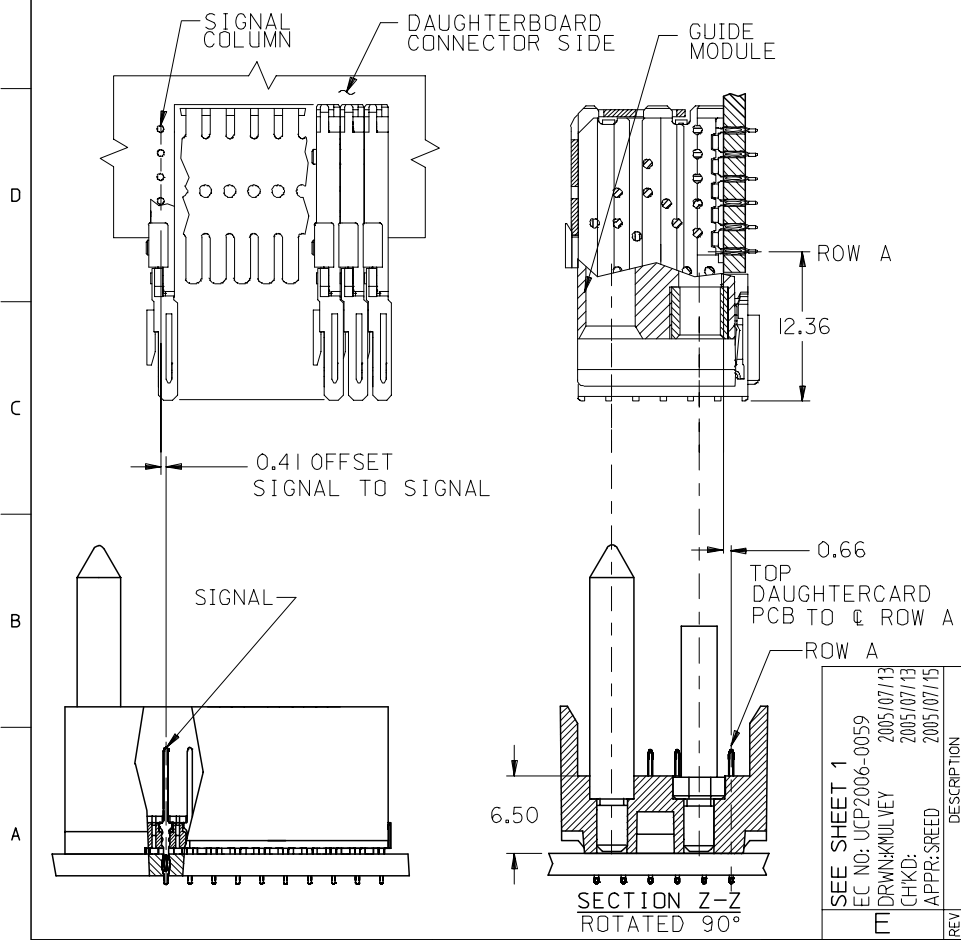
KEYING PIN
ORIENTATION

***0*	***1*	***2*	***3*	***4*	***5*	***6*	***7*	***8*
O	A	B	C	D	E	F	G	H

75195 * * *

COLUMN/PLATING
10 = 10 COLUMN TIN/LEAD
25 = 25 COLUMN TIN/LEAD
90 = 10 COLUMN MATTE TIN
85 = 25 COLUMN MATTE TIN

CONTACT LOAD
(PIN HEIGHT)
1 = 4.75
2 = 6.25
3 = 4.25
4 = 5.15



PART NUMBER	COLUMN	NUMBER OF SIGNAL PIN	NUMBER OF SHIELD	A	B	M	Au (um) THICKNESS	Sn (um) THICKNESS
75195-*0*1	10	60	0	27.00	18.00	4.75	0.76	0.76-1.52

75195-*5*1	25	150	0	57.00	48.00	6.25	0.76	

75195-*0*2	10	60	0	27.00	18.00	4.25	0.76	

75195-*5*2	25	150	0	57.00	48.00	5.15	0.76	

75195-*0*3	10	60	0	27.00	18.00		0.76	

75195-*5*3	25	150	0	57.00	48.00		0.76	

75195-*0*4	10	60	0	27.00	18.00		0.76	

75195-*5*4	25	150	0	57.00	48.00		0.76	

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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