

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0751941002

Status:

Active

Overview:

vhdm__hsd

Description:

2.00mm (.079") Pitch VHDM® Lite-Series, Board-to-Board Backplane Header, Vertical, 6-Row, Open Signal Module, 60 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

75194

Backplane

Tooling Manual

Open Header

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

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

60

60

Black

200

No

No

None

High Performance Alloy (HPA)

Gold

Tin-Lead

High Temperature Thermoplastic

10

Open Pin Field

6

Vertical

Yes

0.070 In

1.80 mm

Tube

0.079 In

2.00 mm

30

0.75

30

0.75

Yes

Yes

Yes

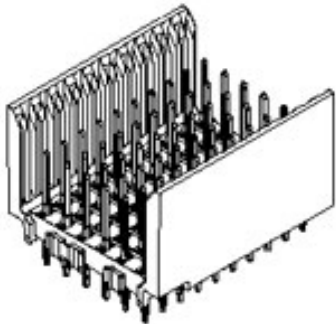
-55°C to +105°C

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

1A



Series

image - Reference only

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

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

75194Series

Mates With

75189 VHDM® Lite Board-to-Board Daughtercard

Use With

Daughtercard Modules

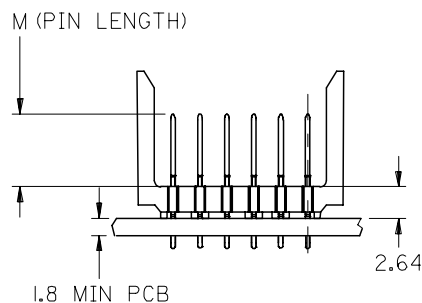
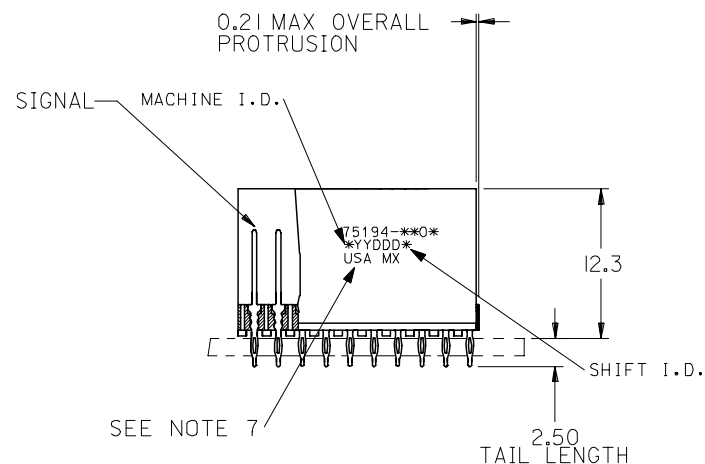
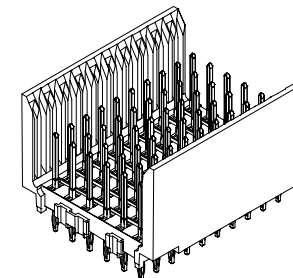
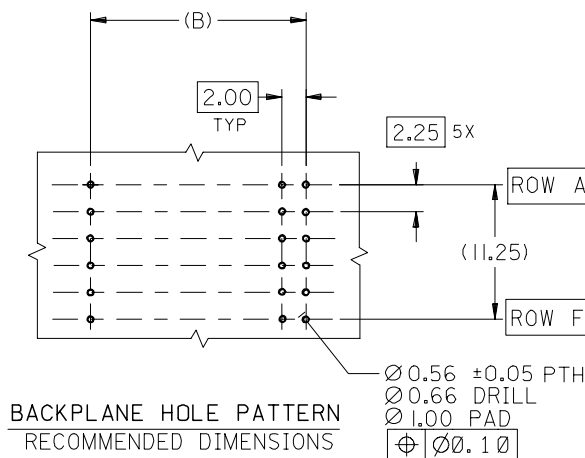
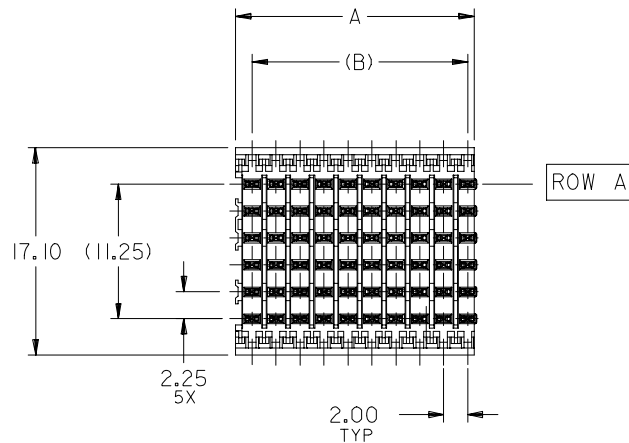
Application Tooling | FAQ

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	0622020207
Module for Advanced Mate Signal Header,	

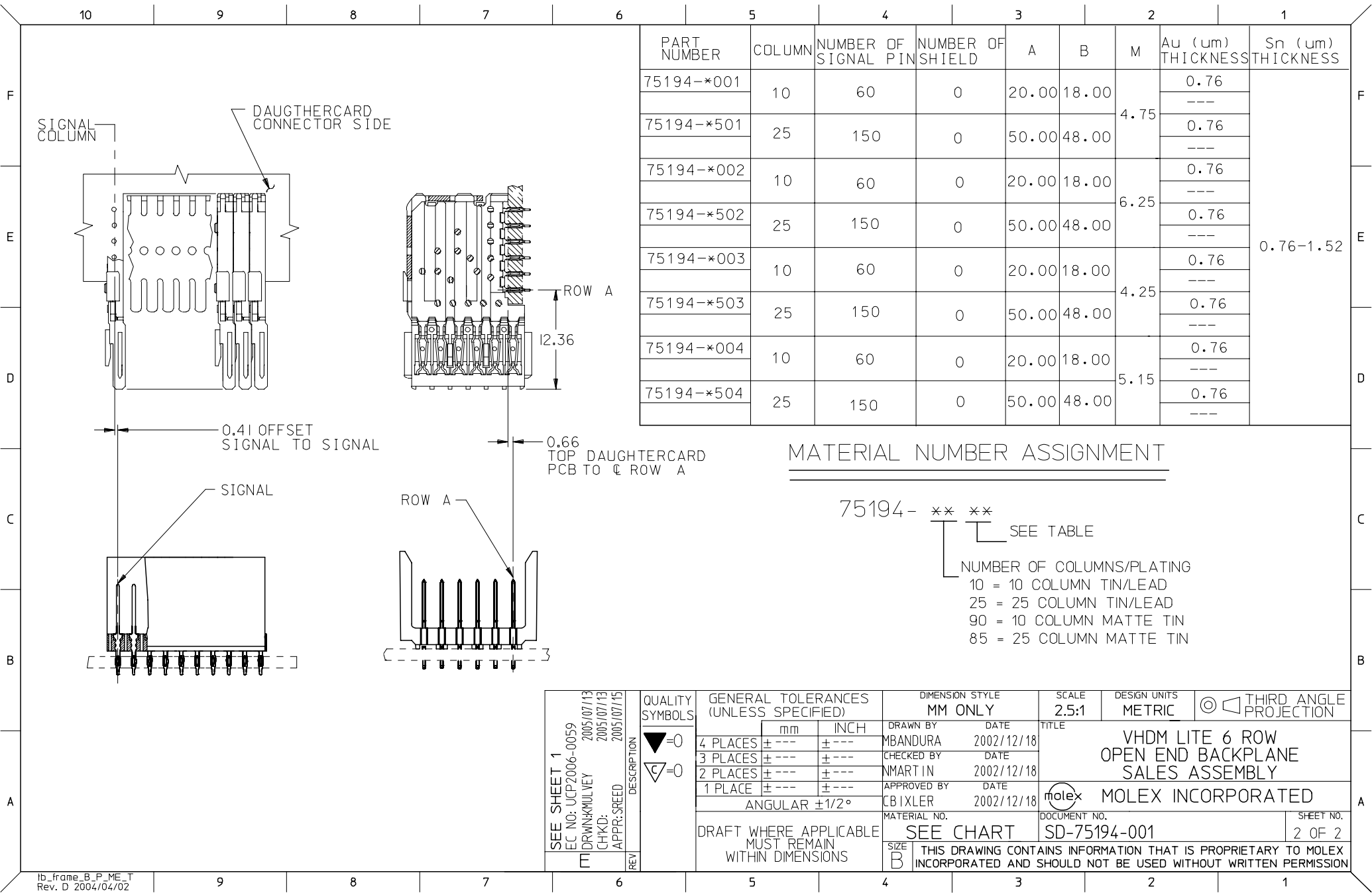
Data Rate	622.0 Mbps
Real Signals (per 25mm)	72
Voltage - Maximum	120V AC (RMS)/DC



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-74057-003
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 IDRWK/MULVEY 2005/07/13 CHKD: BINGHAM 2005/07/13 APPR: SREED 2005/07/15	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 2002/12/18	TITLE VHDM LITE 6 ROW OPEN END BACKPLANE SALES ASSEMBLY		
			4 PLACES	± ---	± ---	CHECKED BY NMARTIN	DATE 2002/12/18			
			3 PLACES	± ---	± ---	APPROVED BY CBIXLER	DATE 2002/12/18	molex MOLEX INCORPORATED		
			2 PLACES	± ---	± ---	MATERIAL NO. SEE SHT 2				
			1 PLACE	± ---	± ---	ANGULAR ±1/2°		SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										



PART NUMBER	COLUMN	NUMBER OF SIGNAL PIN	NUMBER OF SHIELD	A	B	M	Au (um) THICKNESS	Sn (um) THICKNESS
75194-*001	10	60	0	20.00	18.00	4.75	0.76	0.76-1.52

75194-*501	25	150	0	50.00	48.00		0.76	

75194-*002	10	60	0	20.00	18.00	6.25	0.76	

75194-*502	25	150	0	50.00	48.00		0.76	

75194-*003	10	60	0	20.00	18.00	4.25	0.76	

75194-*503	25	150	0	50.00	48.00		0.76	

75194-*004	10	60	0	20.00	18.00	5.15	0.76	

75194-*504	25	150	0	50.00	48.00		0.76	

MATERIAL NUMBER ASSIGNMENT

75194- ** **
SEE TABLE

NUMBER OF COLUMNS/PLATING
10 = 10 COLUMN TIN/LEAD
25 = 25 COLUMN TIN/LEAD
90 = 10 COLUMN MATTE TIN
85 = 25 COLUMN MATTE TIN

SEE SHEET 1 EC NO: UCP2006-0059 DRAWN: MULVEY 2005/07/13 CHKD: 2005/07/13 APPR: SREED 2005/07/15	QUALITY SYMBOLS ▽=0 C=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 
					DRAWN BY MBANDURA	DATE 2002/12/18	TITLE VHDM LITE 6 ROW OPEN END BACKPLANE SALES ASSEMBLY		
					CHECKED BY NMARTIN	DATE 2002/12/18			
					APPROVED BY CBIXLER	DATE 2002/12/18	MOLEX INCORPORATED		
			ANGULAR ±1/2°		MATERIAL NO. SEE CHART				
REV			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
							SHEET NO. 2 OF 2		



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.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- 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

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.