

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0751971003

Status:

Active

Overview:

vhdm__hsd

Description:

2.00mm (.079") Pitch VHDM® Lite Board-to-Board Backplane Header, Vertical, 8-Row, Open Signal Module, 80 circuits, Pin Length 4.25mm (.167")

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

75197

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

80

80

Black

200

No

No

None

High Performance Alloy (HPA)

Gold

Tin-Lead

High Temperature Thermoplastic

10

Open Pin Field

8

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

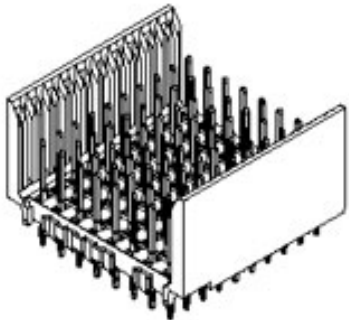


image - Reference only

Series

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Contains SVHC: No

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

75197Series

Mates With

75191 VHDM® Lite-Series 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	0622020209
Module for Standard Shield Signal Header, 8 Row by	

Data Rate622.0 Mbps
Real Signals (per 25mm)72
Voltage - Maximum120V AC (RMS)/DC

10 Wide, 20.00mm
(.787")

Material Info

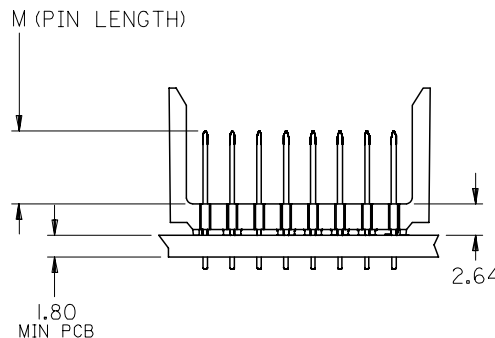
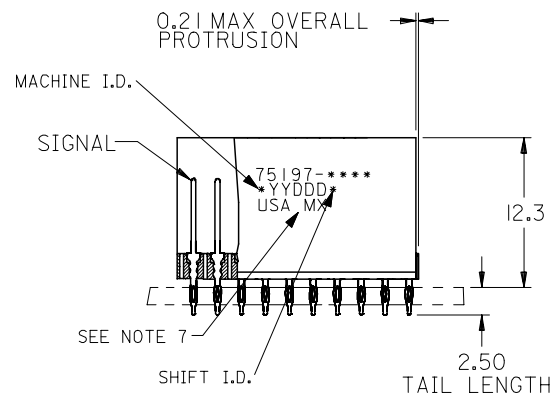
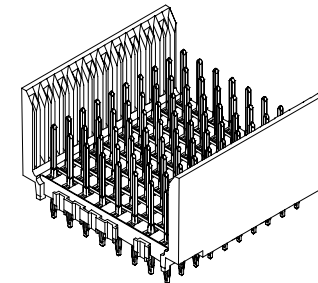
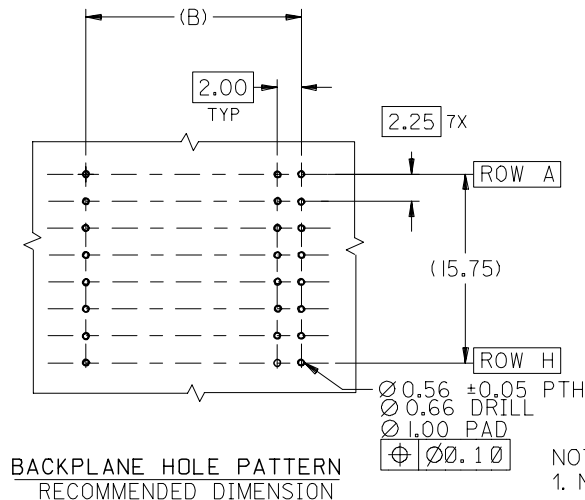
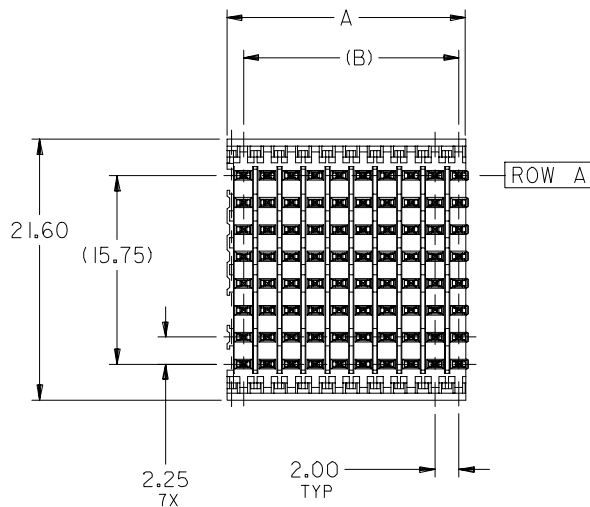
Reference - Drawing Numbers

Packaging SpecificationPK-74060-003
Product SpecificationPS-74031-999
Sales DrawingSD-75197-001

VHDM and Very High Density Metric are trademarks of Amphenol Corporation

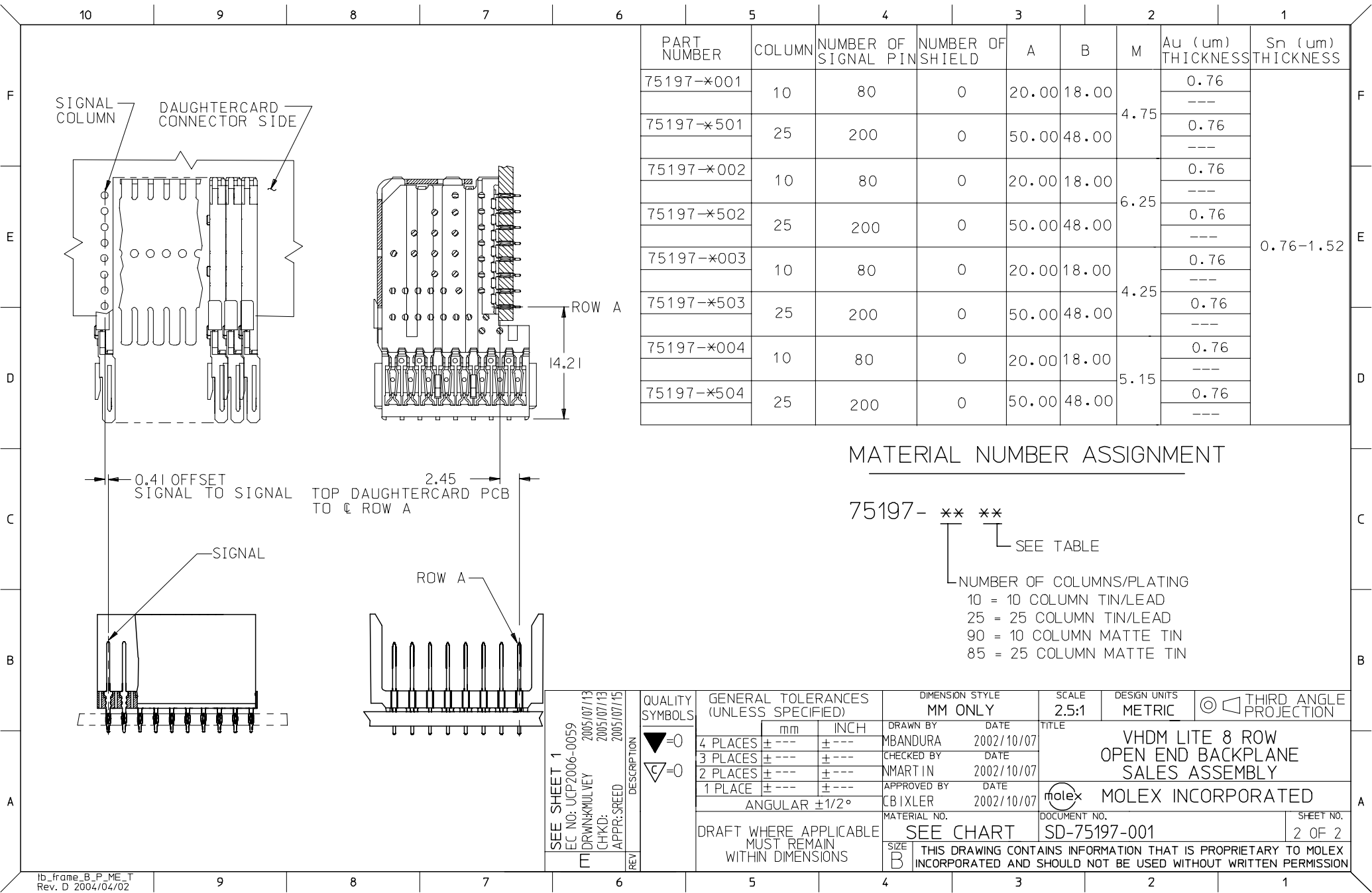
This document was generated on 05/28/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



- 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-74060-003
 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 CHKD: APPR: SREED	DESCRIPTION 2005/07/13 2005/07/13 2005/07/15	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 2002/10/07	TITLE VHDM LITE 8 ROW OPEN END BACKPLANE SALES ASSEMBLY	
			4 PLACES	± ---	± ---	CHECKED BY	DATE		
			3 PLACES	± ---	± ---	NMARTIN	2002/10/07		
			2 PLACES	± ---	± ---	APPROVED BY	DATE		
			1 PLACE	± ---	± ---	CBIXLER	2002/10/07	 MOLEX INCORPORATED	
ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.	SHEET NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE SHEET 2		SD-75197-001		1 OF 2		
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



PART NUMBER	COLUMN	NUMBER OF SIGNAL PIN	NUMBER OF SHIELD	A	B	M	Au (um) THICKNESS	Sn (um) THICKNESS
75197-*001	10	80	0	20.00	18.00	4.75	0.76	0.76-1.52
75197-*501	25	200	0	50.00	48.00		0.76	

75197-*002	10	80	0	20.00	18.00	6.25	0.76	
75197-*502	25	200	0	50.00	48.00		0.76	

75197-*003	10	80	0	20.00	18.00	4.25	0.76	
75197-*503	25	200	0	50.00	48.00		0.76	

75197-*004	10	80	0	20.00	18.00	5.15	0.76	
75197-*504	25	200	0	50.00	48.00		0.76	

MATERIAL NUMBER ASSIGNMENT

75197- ** **
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 IDRINKMULVEY 2005/07/13 CHKD: 2005/07/13 APPR: SREED 2005/07/15	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 	
				mm	INCH	DRAWN BY MBANDURA	DATE 2002/10/07	TITLE VHDM LITE 8 ROW OPEN END BACKPLANE SALES ASSEMBLY  MOLEX INCORPORATED		
			4 PLACES	± ---	± ---	CHECKED BY	DATE			
			3 PLACES	± ---	± ---	NMARTIN	2002/10/07			
			2 PLACES	± ---	± ---	APPROVED BY	DATE			
			1 PLACE	± ---	± ---	CBIXLER	2002/10/07			
			ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-75197-001		2 OF 2	
REV					SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru

www.lifeelectronics.ru