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Part Number: [0751972504](#)
Status: **Active**
Overview: [vhdm__hsd](#)
Description: 2.00mm (.079") Pitch VHDM® Lite Board-to-Board Backplane Header, Vertical, 8-Row, Open Signal Module, 200 circuits, Pin Length 5.15mm (.203")

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-74031-999 \(PDF\)](#)

General

Product Family	Backplane Connectors
Series	75197
Application	Backplane
Application Tooling Documents	TM-622010999.pdf Tooling Manual
Comments	Open Header
Component Type	PCB Header
Overview	vhdm__hsd
Product Name	VHDM Lite®
Style	N/A

Physical

Circuits (Loaded)	200
Circuits (maximum)	200
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
Number of Columns	25
Number of Pairs	Open Pin Field
Number of Rows	8
Orientation	Vertical
PCB Retention	Yes
PCB Thickness Recommended (in)	0.070 In
PCB Thickness Recommended (mm)	1.80 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.75
Plating min: Termination (µin)	30
Plating min: Termination (µm)	0.75
Polarized to PCB	Yes
Stackable	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	1A
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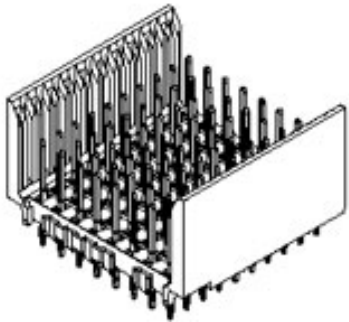


image - Reference only

Series

EU RoHS

RoHS Compliant by Exemption

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

[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	0622020210
Module for Standard	
Shield Signal	
Header, 8 Row by	

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

25 Wide, 50.00mm
(1.97")

Material Info

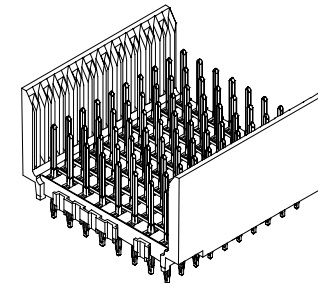
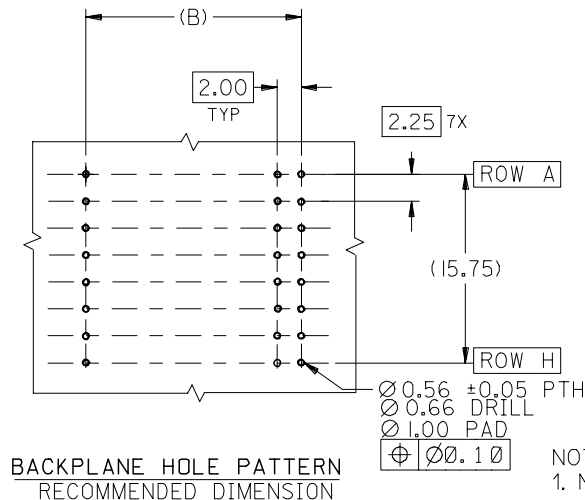
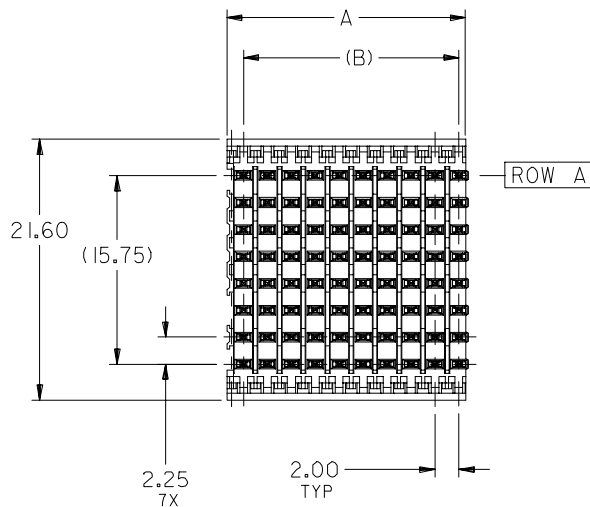
Reference - Drawing Numbers

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

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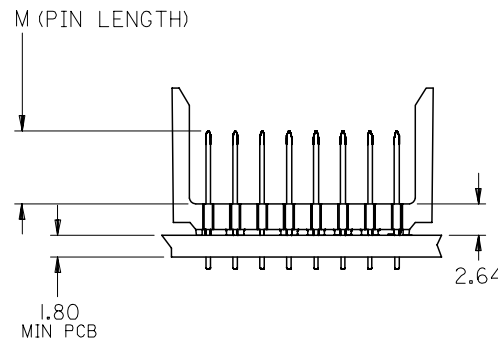
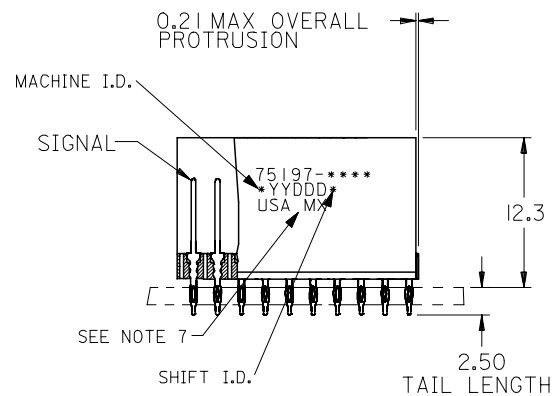
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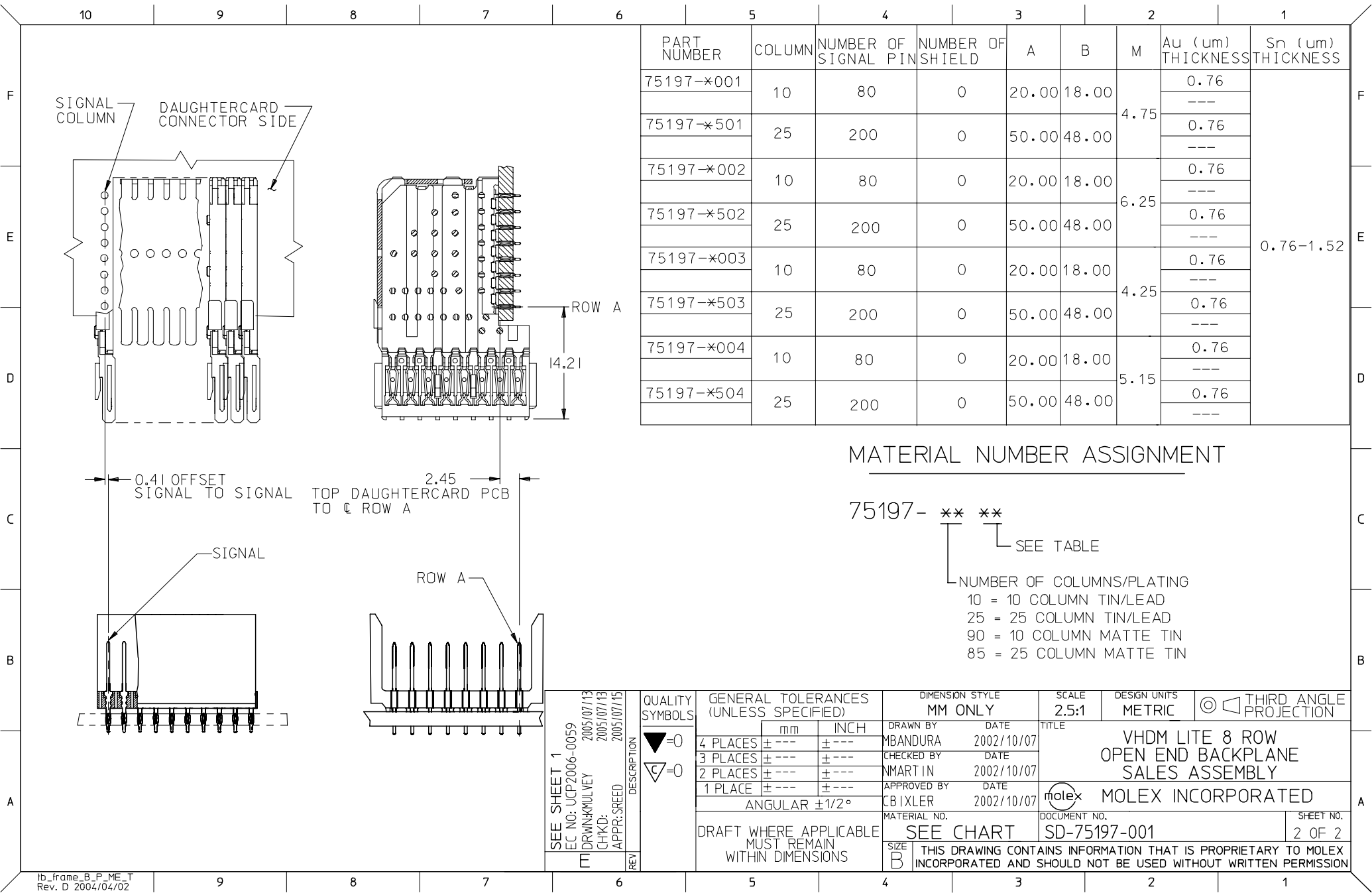


NOTES:

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

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- Подбор аналогов.
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- Тестирование поставляемой продукции.
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- 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.



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