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Part Number: [0751981014](#)
Status: **Active**
Overview: vhdm__hsd
Description: 2.00mm (.079") Pitch 8-Row VHDM® Lite Backplane Header, Guide Pin Signal Module, Pin End Version, 80 Circuits, Pin Length 5.15mm (.203")

Documents:

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

General

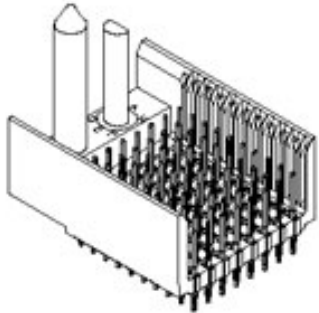
Product Family	Backplane Connectors
Series	75198
Application	Backplane
Application Tooling Documents	TM-622010999.pdf Tooling Manual
Comments	Keying Position A
Component Type	PCB Header
Overview	vhdm__hsd
Product Name	VHDM Lite®
Style	N/A

Physical

Circuits (Loaded)	80
Circuits (maximum)	80
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA), Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
Number of Columns	10
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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Series

image - Reference only

EU RoHS

RoHS Compliant by Exemption
REACH SVHC
Contains SVHC: No
Halogen-Free
Status

China RoHS



Not Reviewed

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

[75198Series](#)

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

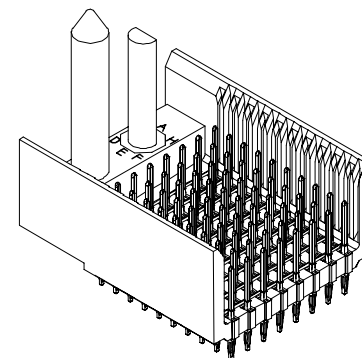
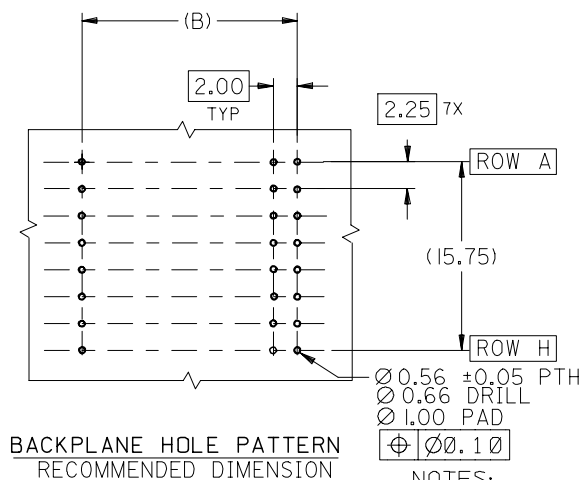
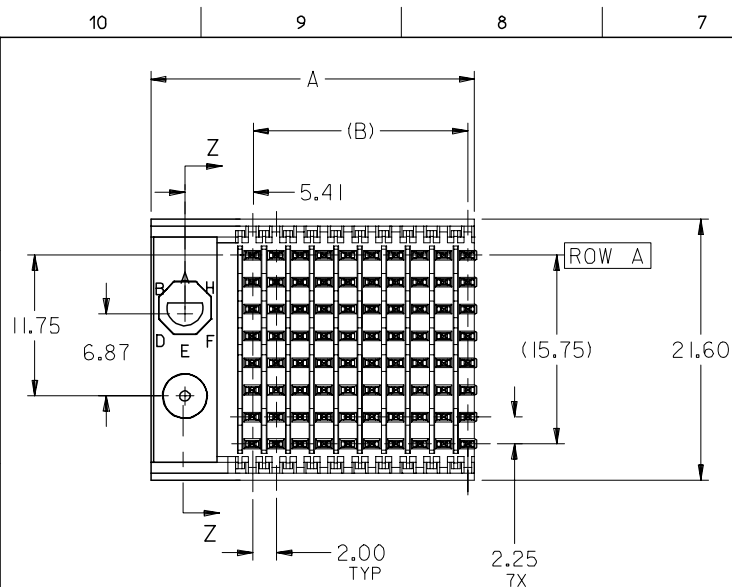
Reference - Drawing Numbers

Packaging SpecificationPK-74061-003
Product SpecificationPS-74031-999
Sales DrawingSD-75198-001

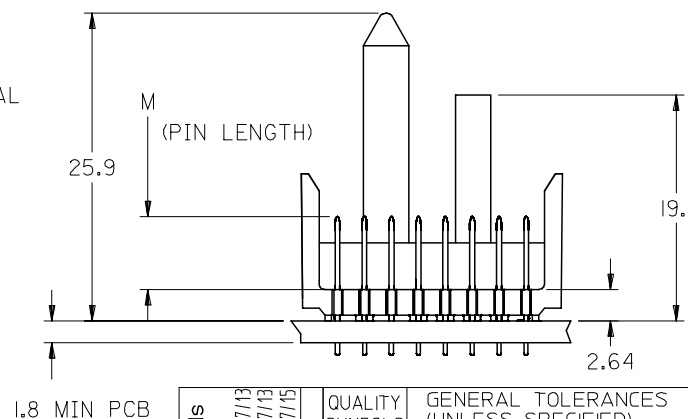
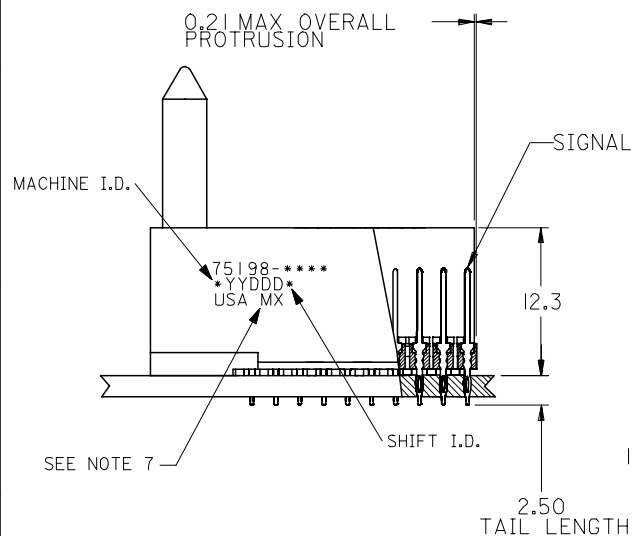
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This document was generated on 05/28/2010

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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-74061-003
 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			DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>2 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr><tr><td colspan="3">ANGULAR ±1/2°</td></tr></table>			mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± ---	± ---	1 PLACE	± ---	± ---	ANGULAR ±1/2°			DIMENSION STYLE MM ONLY		SCALE 2.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	mm	INCH																												
4 PLACES	± ---	± ---																												
3 PLACES	± ---	± ---																												
2 PLACES	± ---	± ---																												
1 PLACE	± ---	± ---																												
ANGULAR ±1/2°																														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRAWN BY MBANDURA	DATE 2002/10/09	TITLE VHDM LITE 8 ROW SIGNAL END BACKPLANE SALES ASSEMBLY																								
											CHECKED BY NMARTIN	DATE 2002/10/09																		
				APPROVED BY CBIXLER	DATE 2002/10/09	molex	MOLEX INCORPORATED																							
				MATERIAL NO. SEE SHEET 2		DOCUMENT NO. SD-75198-001		SHEET NO. 1 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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A

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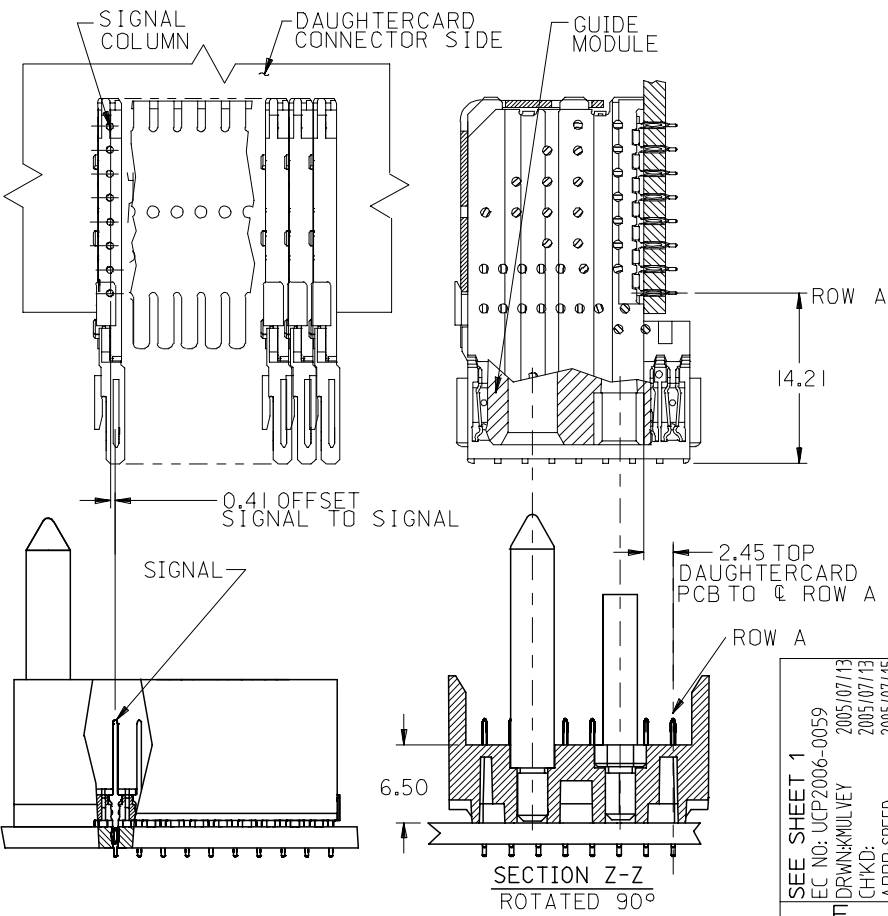
A

M/N 75198-()	-**0*	-**1*	-**2*	-**3*	-**4*	-**5*	-**6*	-**7*	-**8*
KEYING PIN ORIENTATION	O	A	B	C	D	E	F	G	H

75198 - * * * *

NUMBER OF COLUMNS/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
75198-*0*1	10	80	0	27.00	18.00	4.75	0.76	0.76-1.52
75198-*5*1	25	200	0	57.00	48.00	4.75	0.76	
75198-*0*2	10	80	0	27.00	18.00	6.25	0.76	
75198-*5*2	25	200	0	57.00	48.00	6.25	0.76	
75198-*0*3	10	80	0	27.00	18.00	4.25	0.76	
75198-*5*3	25	200	0	57.00	48.00	4.25	0.76	
75198-*0*4	10	80	0	27.00	18.00	5.15	0.76	
75198-*5*4	25	200	0	57.00	48.00	5.15	0.76	

SEE SHEET 1

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)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±---	±---
1 PLACE	±---	±---

ANGULAR ±1/2°

DIMENSION STYLE

MM ONLY

DRAWN BY: MBANDURA 2002/10/09

CHECKED BY: NMARTIN 2002/10/09

APPROVED BY: CBIXLER 2002/10/09

MATERIAL NO.

SEE CHART

SCALE

2.5:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

VHDM LITE 8 ROW
SIGNAL END BACKPLANE
SALES ASSEMBLY

MOLEX INCORPORATED

DOCUMENT NO.

SD-75198-001

SHEET NO.

2 OF 2

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

SIZE

B

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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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