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Part Number: [0751982512](#)
Status: **Active**
Overview: vhdm__hsd
Description: 2.00mm (.079") Pitch 8-Row VHDM® Lite Backplane Header, Guide Pin Signal Module, Pin End Version, 200 Circuits, Pin Length 6.25mm (.246")

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)	200
Circuits (maximum)	200
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	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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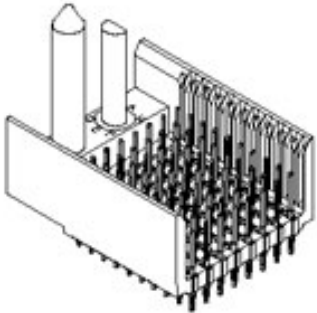


image - Reference only

Series

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

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

[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
Insert Repair Tool	
VHDM® Insertion	0622020210
Module for Standard	
Shield Signal	
Header, 8 Row by	

Data Rate622.0 Mbps
Real Signals (per 25mm)101
Voltage - Maximum120V AC (RMS)/DC

25 Wide, 50.00mm
(1.97")

Material Info

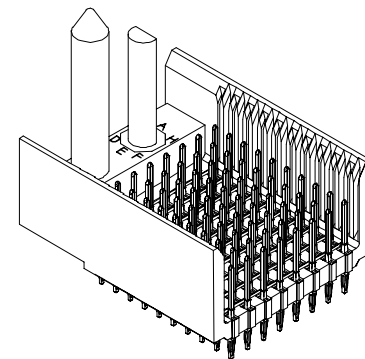
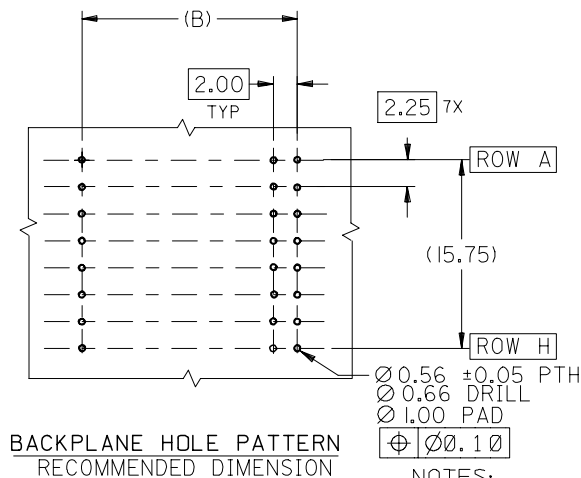
Reference - Drawing Numbers

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

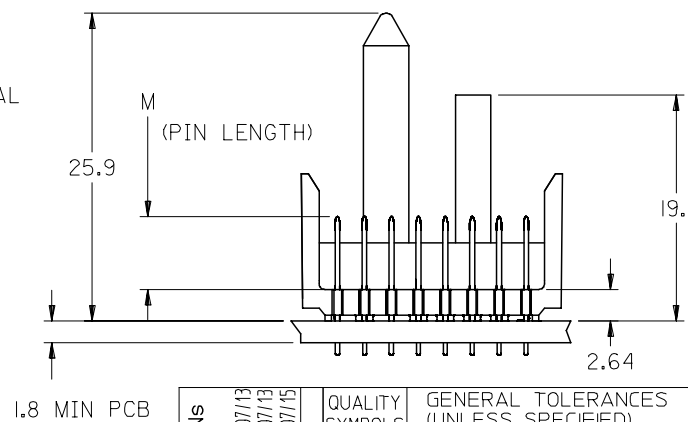
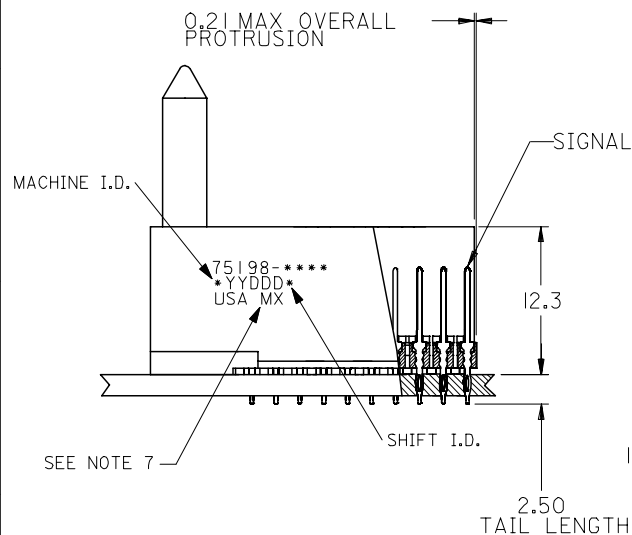
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This document was generated on 05/28/2010

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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		2005/07/13		DRWNG: MULVEY		2005/07/13		CHKD:		2005/07/13		APPR: SREED		2005/07/15		DESCRIPTION		REV																																																																																																																	
<table><tr><td colspan="2">QUALITY SYMBOLS</td><td colspan="4">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="4">DIMENSION STYLE MM ONLY</td><td colspan="2">SCALE 2.5:1</td><td colspan="2">DESIGN UNITS METRIC</td><td colspan="2"></td><td colspan="4">THIRD ANGLE PROJECTION</td></tr><tr><td colspan="2">=0</td><td colspan="2">=0</td><td colspan="2"><table><tr><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± --- ± ---</td></tr><tr><td>3 PLACES</td><td>± --- ± ---</td></tr><tr><td>2 PLACES</td><td>± --- ± ---</td></tr><tr><td>1 PLACE</td><td>± --- ± ---</td></tr><tr><td colspan="2">ANGULAR ±1/2°</td></tr></table></td><td colspan="2">DRAWN BY MBANDURA</td><td colspan="2">DATE 2002/10/09</td><td colspan="10" rowspan="3">TITLE VHDM LITE 8 ROW SIGNAL END BACKPLANE SALES ASSEMBLY</td></tr><tr><td colspan="2"></td><td colspan="2">CHECKED BY NMARTIN</td><td colspan="2">DATE 2002/10/09</td></tr><tr><td colspan="2"></td><td colspan="2">APPROVED BY CBIXLER</td><td colspan="2">DATE 2002/10/09</td></tr><tr><td colspan="6">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="4">MATERIAL NO. SEE SHEET 2</td><td colspan="4">DOCUMENT NO. SD-75198-001</td><td colspan="4">MOLEX INCORPORATED</td><td colspan="4">SHEET NO. 1 OF 2</td></tr><tr><td colspan="6"></td><td colspan="4">SIZE B</td><td colspan="16">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr></table>																						QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY				SCALE 2.5:1		DESIGN UNITS METRIC				THIRD ANGLE PROJECTION				 =0		 =0		<table><tr><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± --- ± ---</td></tr><tr><td>3 PLACES</td><td>± --- ± ---</td></tr><tr><td>2 PLACES</td><td>± --- ± ---</td></tr><tr><td>1 PLACE</td><td>± --- ± ---</td></tr><tr><td colspan="2">ANGULAR ±1/2°</td></tr></table>		mm	INCH	4 PLACES	± --- ± ---	3 PLACES	± --- ± ---	2 PLACES	± --- ± ---	1 PLACE	± --- ± ---	ANGULAR ±1/2°		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		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						MATERIAL NO. SEE SHEET 2				DOCUMENT NO. SD-75198-001				MOLEX INCORPORATED				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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F

E

D

C

B

A

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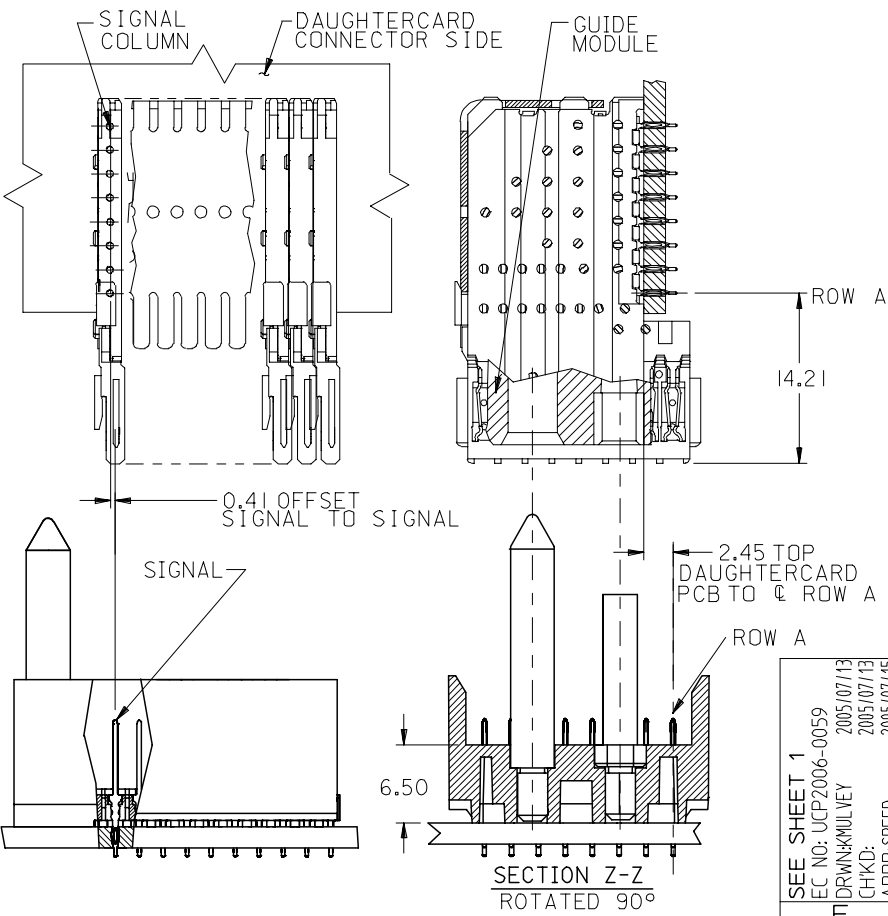
A

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		---	
75198-*0*2	10	80	0	27.00	18.00	6.25	0.76	
75198-*5*2	25	200	0	57.00	48.00		---	
75198-*0*3	10	80	0	27.00	18.00	4.25	0.76	
75198-*5*3	25	200	0	57.00	48.00		---	
75198-*0*4	10	80	0	27.00	18.00	5.15	0.76	
75198-*5*4	25	200	0	57.00	48.00		---	

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

SD-75198-001

SHEET NO.
2 OF 2

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Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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