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Part Number:

0761349001

Status:

Active

Overview:

[vhdm_h](#)

Description:

2.00mm (.079") Pitch VHDM® H Board-to-Board Backplane Header, Vertical, 8-Row, Signal Module, Open End Version, 80 Circuits, Pin Length 4.75mm (.187"), Lead Free

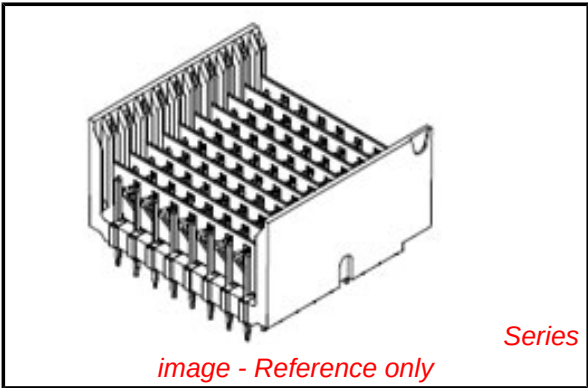
Documents:

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Product Specification PS-74031-999 \(PDF\)](#)

General	
Product Family	Backplane Connectors
Series	76134
Application	Backplane
Comments	No Keying Position
Component Type	PCB Header
Overview	vhdm_h
Product Name	VHDM® - H Series
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	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Columns	25
Number of Pairs	Open Pin Field
Number of Rows	6
Orientation	Vertical
PC Tail Length (in)	0.072 In
PC Tail Length (mm)	1.83 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.072 In
PCB Thickness Recommended (mm)	1.83 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Pitch - Term. Interface (in)	0.089 In
Pitch - Term. Interface (mm)	2.25 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	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

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

76134Series

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® 8 Row Pin	0622015900
and Shield Repair Tool	
VHDM® 8 Row	0622016100
Shield Extraction Tool	
VHDM® Insertion	0622020209
Module for Standard Shield Signal Header, 8 Row by	

Electrical

Current - Maximum per Contact	1A
Data Rate	6.25 Gbps
Real Signals (per 25mm)	75
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

10 Wide, 20.00mm
(.787")

Material Info

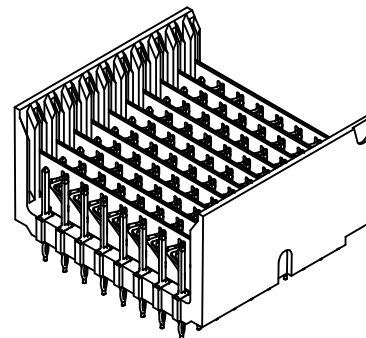
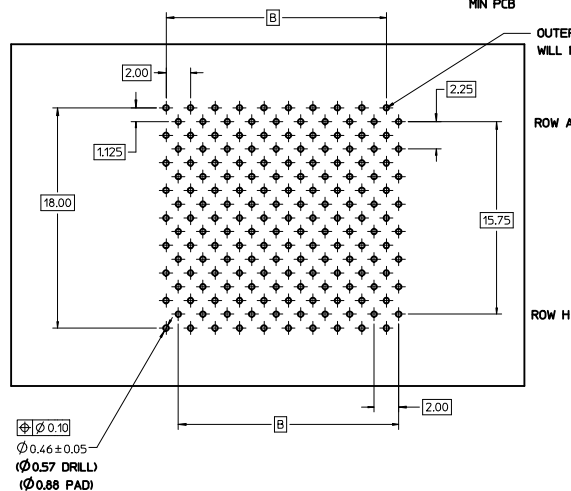
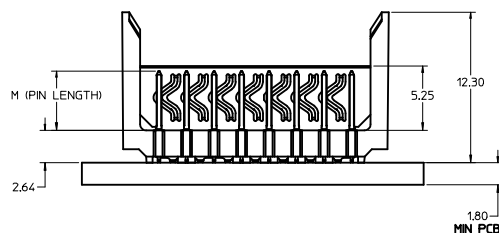
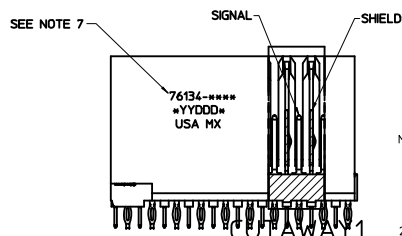
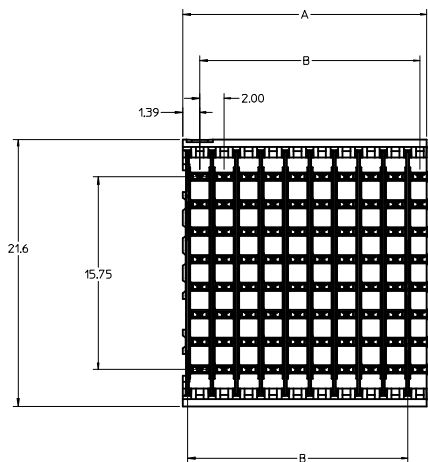
Reference - Drawing Numbers

Packaging Specification	PK-74060-003
Product Specification	PS-74031-999
Sales Drawing	SD-76134-001

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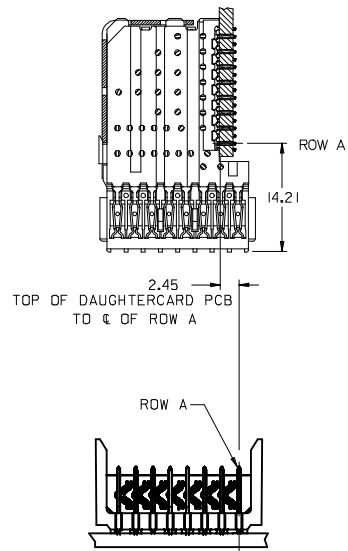
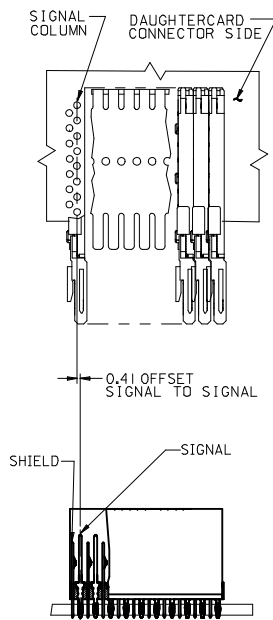
This document was generated on 05/27/2010

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- NOTES:
1. MATERIALS:
HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS FILLED, UL94V-0, BLACK
SIGNAL PIN AND SHIELD - COPPER ALLOY
 2. FINISHES:
CONTACT AREA - SELECTIVE GOLD (Au)
PCB TAILS - SELECTIVE TIN/LEAD (SnPb) OR MATTE TIN (Sn)
 3. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-74031-999.
 4. FOR MIXED CONTACT LENGTH CONTACT MOLEX FOR AVAILABILITY.
 5. FOR SPECIFIC MATERIAL NUMBERS AND MATING INFORMATION REFER TO SHEET 2.
 6. PACKAGE PER PK-74060-003.
 7. ASSEMBLY WILL BE MARKED WITH P/N AND DATE CODE WITH LASER MARK ON SIDE OF HOUSING OR BY LABEL ON THE TUBE.

INITIAL RELEASE EC NO: UCP2008-2748 DRAWN: JONIAK 2008/12/01 CHKD: JONIAK 2008/12/02 APPR: JLAURY 2008/12/03 A	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH					
		4 PLACES	±	---	±	---	TITLE VHDM H-SERIES 8 ROW OPEN END BACKPLANE SALES DRAWING MOLEX INCORPORATED	MOLEX INCORPORATED	SHEET NO. 1 OF 2
		3 PLACES	±	---	±	---			
		2 PLACES	±	---	±	---			
		1 PLACE	±	0.15	±	---			
		1 PLACE	±	0.25	±	---			
		ANGULAR ±1/2°		APPROVED BY BINGHAM		DATE 2008/04/11			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE PAGE 2		DOCUMENT NO. SD-76134-001			
				SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



PART NUMBER	COLUMN	NUMBER OF SIGNAL PINS	NUMBER OF SHIELD	A	B	M	Au (um) THICKNESS	Sn (um) THICKNESS
76134-M001	10	80	10	20.00	18.00	4.75	0.76	0.76-1.52
76134-M006							1.27	
76134-M501	25	200	25	50.00	48.00		0.76	
76134-M506							1.27	
76134-M002	10	80	10	20.00	18.00	6.25	0.76	
76134-M007							1.27	
76134-M502	25	200	25	50.00	48.00		0.76	
76134-M507							1.27	
76134-M003	10	80	10	20.00	18.00	4.25	0.76	
76134-M008							1.27	
76134-M503	25	200	25	50.00	48.00		0.76	
76134-M508							1.27	
76134-M004	10	80	10	20.00	18.00	5.15	0.76	
76134-M009							1.27	
76134-M504	25	200	25	50.00	48.00		0.76	
76134-M509							1.27	

MATERIAL NUMBER ASSIGNMENT

76134-**-**

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

INITIAL RELEASE IEC NO: UCP2008-2748 DRAWN BY: JONI AK CHECKED BY: JONI AK APPR: JLAIRY 2008/12/01 2008/12/02 2008/12/03	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	=0 =0	mm	INCH	MM ONLY	1:1	METRIC	
	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.15 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ±1/2°						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWN BY: JONI AK CHECKED BY: JONI AK APPROVED BY: JONI AK DATE: 2008/04/11 DATE: 2008/04/11 DATE: 2008/04/11		TITLE: VHDM H-SERIES 8 ROW OPEN END BACKPLANE SALES DRAWING MOLEX INCORPORATED MATERIAL NO. SEE CHART DOCUMENT NO. SD-76134-001		

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.

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