

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0740572609

Status:

Active

Overview:

vhdm

Description:

2.00mm (.079") Pitch VHDM® Board-to-Board Backplane Header, Vertical, 6-Row, Open Signal Module, 150 Circuits, Advance Mate Shield, Pin Length 5.15mm (.203"), 1.27µm (50µ") Gold (Au)

Documents:

3D Model

RoHS Certificate of Compliance (PDF)

Drawing (PDF)

General	
Product Family	Backplane Connectors
Series	74057
Application	Backplane
Application Tooling Documents	Tooling Manual
Comments	Advance Mate Shield
Component Type	PCB Header
Overview	vhdm
Product Name	VHDM®
Style	N/A
Physical	
Circuits (Loaded)	150
Circuits (maximum)	150
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	Beryllium Copper, High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
Number of Columns	N/A
Number of Pairs	Open Pin Field
Number of Rows	6
Orientation	Vertical
PCB Retention	None
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)	50
Plating min: Mating (µm)	1.25
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

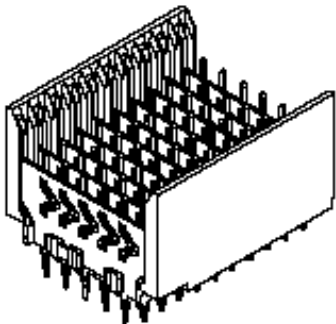


image - Reference only

Series

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Not Reviewed

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

74057Series

Mates With

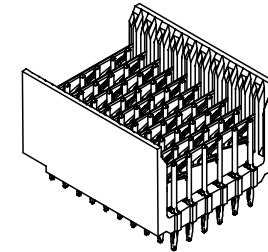
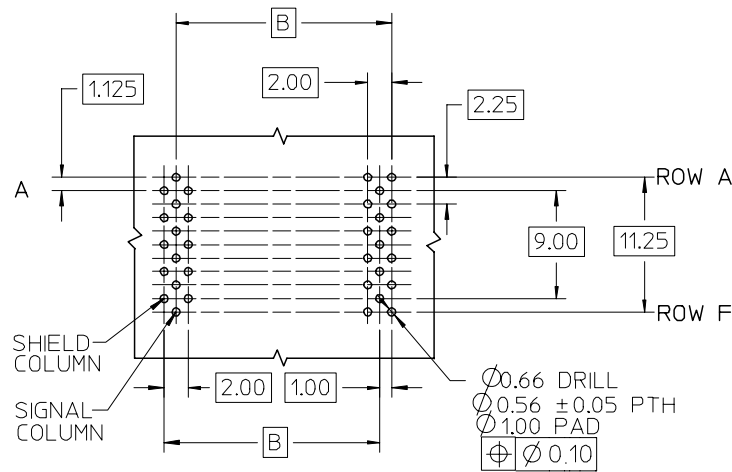
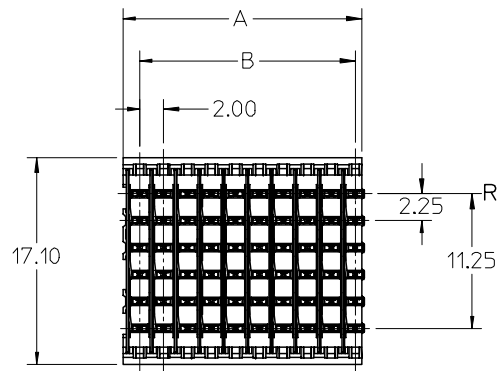
74030 VHDM® Board-to-Board Daughtercard Receptacle

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 #
Flat Rock Tooling for Pneumatic Press	0622013700
VHDM® Insertion Module for Advanced Mate Signal Header, 6 Row by 25 Wide, 50.00mm (1.97")	0622020204
VHDM® Insertion Module for Standard	0622020208

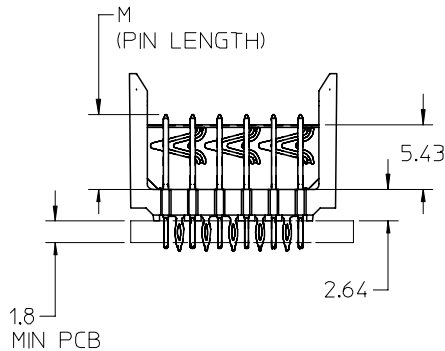
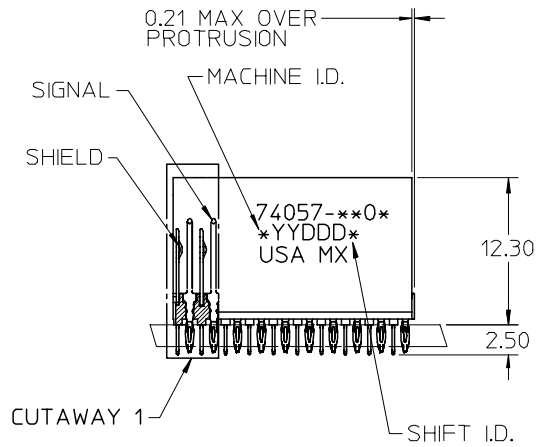
Current - Maximum per Contact	1A	Shield Signal
Data Rate	3.125 Gbps	Header, 6 Row by
Real Signals (per 25mm)	72	25 Wide, 50.00mm
Shield Type	Ground Plane Shield	(1.97")
Shielded	Yes	
Voltage - Maximum	120V AC (RMS)/DC	
Material Info		
Reference - Drawing Numbers		
Packaging Specification	PK-74057-003	
Sales Drawing	SD-74057-003	
VHDM and Very High Density Metric are trademarks of Amphenol Corporation		

This document was generated on 05/19/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

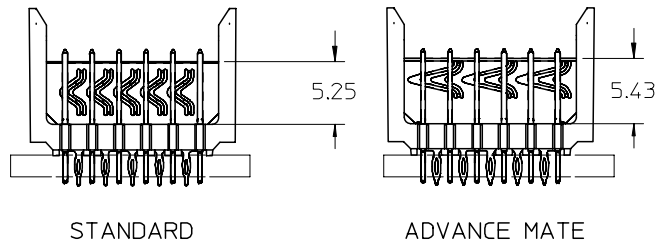


BACKPLANE HOLE PATTERN
RECOMMENDED DIMENSION



NOTES:

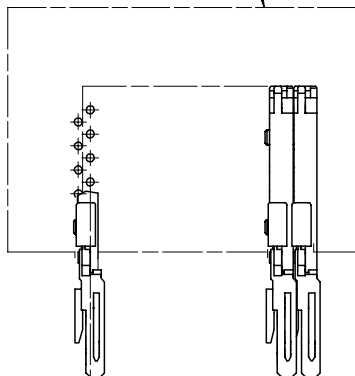
1. MATERIAL: HOUSING -LIQUID CRYSTAL POLYMER (LCP). GLASS-FILLED.
UL 94 V-0. COLOR BLACK. SIGNAL & SHIELD -COPPER ALLOY.
2. FINISHES:
CONTACT AREA: SELECTIVE GOLD (Au)
PCB TAILS: SELECTIVE TIN/LEAD (Sn/Pb) OR SELECTIVE MATTE TIN (Sn)
NICKEL (Ni) OVERALL.
3. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-74031-999.
4. FOR MIXED CONTACT MATING LENGTHS CONSULT MOLEX FOR AVAILABILITY.
5. FOR SPECIFIC PART NUMBER AND MATING INFORMATION REFER TO SHEET 2.
6. PACKAGE PER: PK-74057-003.
7. EITHER MARK PART NUMBER AND DATE CODE APPROXIMATELY WHERE SHOWN OR PLACE LABEL ON THE TUBE.



ADD LEADFREE PINS EC NO: UCP2006-0079 DRWN: KMULVEY 2005/07/20 CHKD: 2005/07/21 APPR: SPEED 2005/07/22	DESCRIPTION	QUALITY SYMBOLS ▽ = 0 ▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 2.5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY		
					DIMENSION STYLE MM ONLY		TITLE VHDM SALES ASSEMBLY 6 ROW ADVANCE MATE OPEN END BACKPLANE			
					DRAWN BY MQWANG					
					CHECKED BY JLAURX		DATE 2001/08/22		MOLEX INCORPORATED	
					APPROVED BY CBIXLER		DATE 2001/08/22			
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 1 OF 2		B		

10 9 8 7 6 5 4 3 2 74057

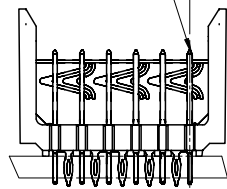
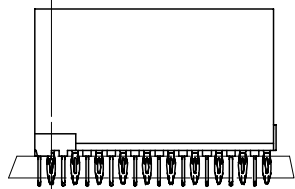
DAUGHTERCARD
CONNECTOR SIDE



0.41 OFFSET
SIGNAL TO
SIGNAL

0.66
TOP DAUGHTERCARD
PCB TO CENTER
OF ROW A

ROW A



MATERIAL NUMBER ASSIGNMENT

74057-*** **

SEE TABLE

NUMBER OF COLUMNS/PLATING

11 = 10 COLUMN TIN/LEAD

26 = 25 COLUMN TIN/LEAD

91 = 10 COLUMN MATTE TIN

86 = 25 COLUMN MATTE TIN

PART NUMBER	COLUMN	NUMBER OF SIGNAL PINS	NUMBER OF SHIELDS	A	B	M	Au (um) THICKNESS	Sn (um) THICKNESS
74057-*101	10	60	10	20.00	18.00	4.75	0.76	0.76-1.52
74057-*106							1.27	
74057-*601	25	150	25	50.00	48.00	6.25	0.76	
74057-*606							1.27	
74057-*102	10	60	10	20.00	18.00	4.25	0.76	
74057-*107							1.27	
74057-*602	25	150	25	50.00	48.00	5.15	0.76	
74057-*607							1.27	
74057-*103	10	60	10	20.00	18.00	4.25	0.76	
74055-*108							1.27	
74057-*603	25	150	25	50.00	48.00	5.15	0.76	
74057-*608							1.27	
74057-*104	10	60	10	20.00	18.00	4.25	0.76	
74057-*109							1.27	
74057-*604	25	150	25	50.00	48.00	5.15	0.76	
74057-*609							1.27	

SEE SHEET 1 EC NO: UCP2006-0079 DRAWN: MULVEY 2005/07/20 CHKD: 2005/07/21 APPR: SREED 2005/07/22	DESCRIPTION	QUALITY SYMBOLS ▽ = 0 ▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 2.5:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	
							TITLE VHDM SALES ASSEMBLY 6 ROW ADVANCE MATE OPEN END BACKPLANE			
							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
D	REV									

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