

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0740401344

Status:

Active

Overview:

vhdm

Description:

2.00mm (.079") Pitch 8-Row VHDM™ DaugherCard, 45 Wafers, 360 Circuits, Tin Lead, Guide Module

Documents:

Drawing (PDF)

Product Specification PS-74031-999 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Comments

Component Type

Overview

Product Name

Style

Backplane Connectors

74040

Backplane

Daughter Card

PCB Header

vhdm

VHDM®

N/A

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Guide to Mating Part

Keying to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Columns

Number of Pairs

Number of Rows

Orientation

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

360

360

Black

200

No

94V-0

Yes

N/A

Copper Alloy

Tin-Lead

Gold

High Performance Thermoplastic

45

N/A

8

Right Angle

No

None

0.070 In

1.80 mm

Tube

0.079 In

2.00 mm

30

No

Yes

Yes

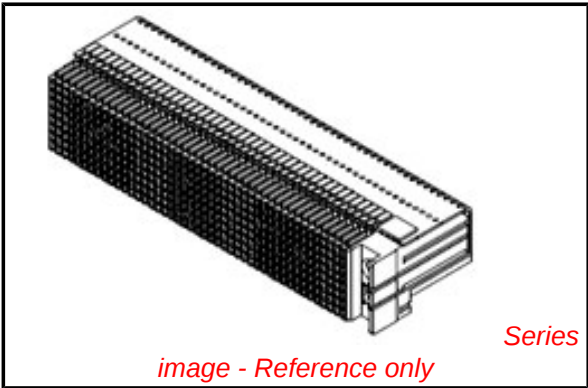
-55°C to +80°C

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

1A



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
74040Series

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® and VHDM-HSD™ Card Stiffener Removal Tool	0622016200
GbX VHDM® and VHDM-HSD™ Insertion Module	0622020214

Data Rate	3.125 Gbps
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Material Info

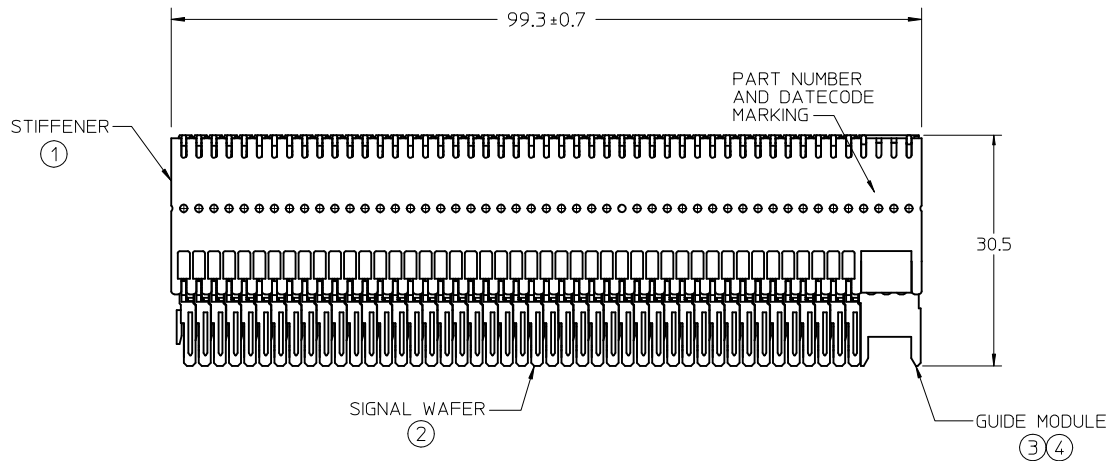
Reference - Drawing Numbers

Packaging Specification	PK-70873-5041
Product Specification	PS-74031-999
Sales Drawing	SD-74040-1344

VHDM is a trademark of Amphenol Corporation

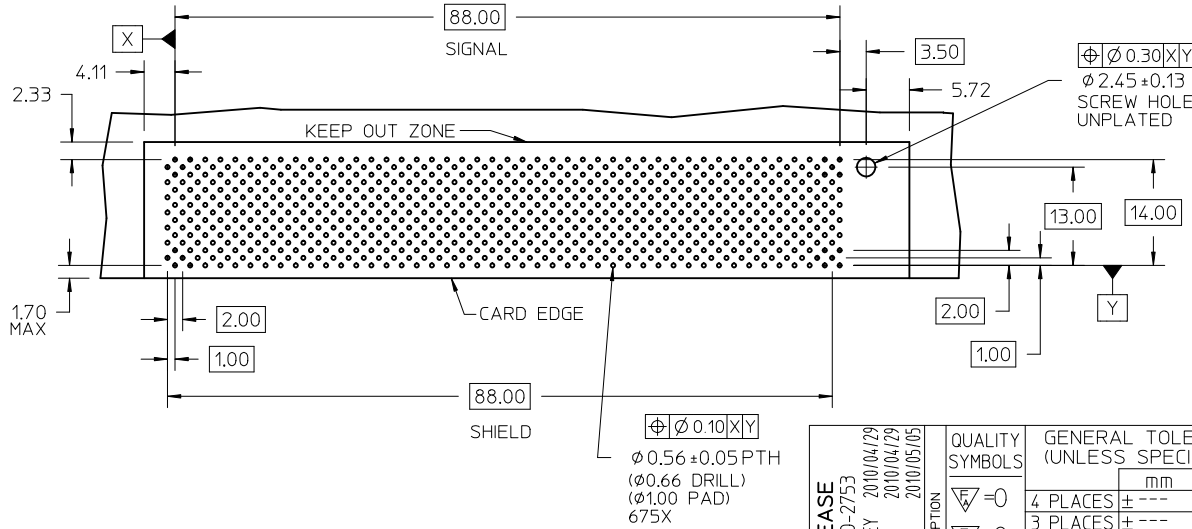
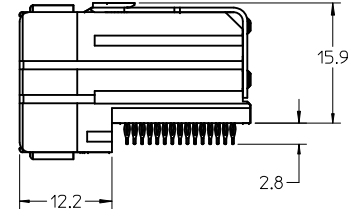
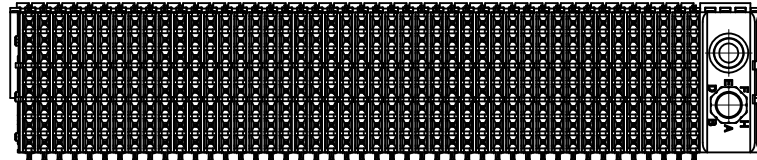
This document was generated on 06/07/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



NOTES:

1. MATERIALS: HOUSING: LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0, BLACK, TERMINALS: COPPER ALLOY, STIFFENER: STAINLESS STEEL.
2. FINISH: SELECTIVE GOLD (Au) IN CONTACT AREA, 0.76 micrometers MINIMUM THICKNESS, SELECTIVE TIN/LEAD (Sn/Pb) IN TAIL AREA, NICKEL (Ni) UNDERPLATE OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-74031-999 FOR PERFORMANCE SPECIFICATIONS.
4. PARTS TO BE PACKAGED PER PK-70873-5041.
5. THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF MOLEX COSMETIC SPECIFICATION PS-45499-002.
6. REFER TO MOLEX DOCUMENT SD-74041-002 FOR ADDITIONAL DETAIL ON THE SIGNAL WAFER.
7. REFER TO MOLEX DOCUMENT SD-74037-006 FOR ADDITIONAL DETAIL ON THE GUIDANCE MODULE.
8. SCREWS PACKED IN BAG INSIDE TUBE.
9. LABEL MARKED WITH MOLEX PART NUMBER AND DATE CODE. LABEL MAY BE REPLACED WITH LASER MARKINGS ON THE STIFFENER.



ITEM	PART NUMBER	DESCRIPTION	QTY
1	74046-0099	STIFFENER	1
2	74041-0001	SIGNAL WAFER	45
3	74037-0008	POLARIZING/GUIDE MODULE	1
4	73726-0000	GUIDE MODULE MTG SCREW	1

DAUGHTERCARD BOARD LAYOUT
CONNECTOR SIDE

INITIAL RELEASE EC NO: UCP2010-2753 DRAWN:SDANNELLEY 2010/04/29 CHKD:JMLTON 2010/04/29 APPR:SMILLER 2010/05/05 A	DESCRIPTION REV	QUALITY SYMBOLS F=0 F=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY SDANNELLEY	DATE 2010/04/29	TITLE VHDM 8 ROW DAUGHTERCARD 45 WAFERS/GUIDE SALES DRAWING			
			4 PLACES	± ---	± ---	CHECKED BY	DATE				
			3 PLACES	± ---	± ---	JMLTON	2010/04/29	MOLEX INCORPORATED			
			2 PLACES	± 0.25	± ---	APPROVED BY	DATE				
			1 PLACE	± 0.38	± ---	SMILLER	2010/05/05	DOCUMENT NO. SD-74040-1344			
			ANGULAR ±1/2°			MATERIAL NO. 74040-1344					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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