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Part Number:

0740401343

Status:

Active

Overview:

[vhdm](#)

Description:

2.00mm (.079") Pitch 8-Row VHDM™ DaugherCard, 25 Wafers, 200 Circuits, Tin Lead, Guide Module

Documents:

[Drawing \(PDF\)](#)

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

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

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

[74040](#)

Application

Backplane

Comments

Daughter Card

Component Type

PCB Header

Overview

[vhdm](#)

Product Name

VHDM®

Style

N/A

Physical

Circuits (Loaded)

200

Circuits (maximum)

200

Color - Resin

Black

Durability (mating cycles max)

200

First Mate / Last Break

No

Flammability

94V-0

Guide to Mating Part

Yes

Keying to Mating Part

N/A

Material - Metal

Copper Alloy

Material - Plating Mating

Tin-Lead

Material - Plating Termination

Gold

Material - Resin

High Performance Thermoplastic

Number of Columns

25

Number of Pairs

N/A

Number of Rows

8

Orientation

Right Angle

PCB Locator

No

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)

30

Polarized to PCB

No

Stackable

Yes

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-55°C to +80°C

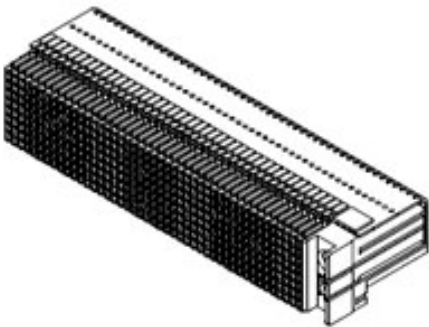
Termination Interface: Style

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

1A



Series

image - Reference only

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

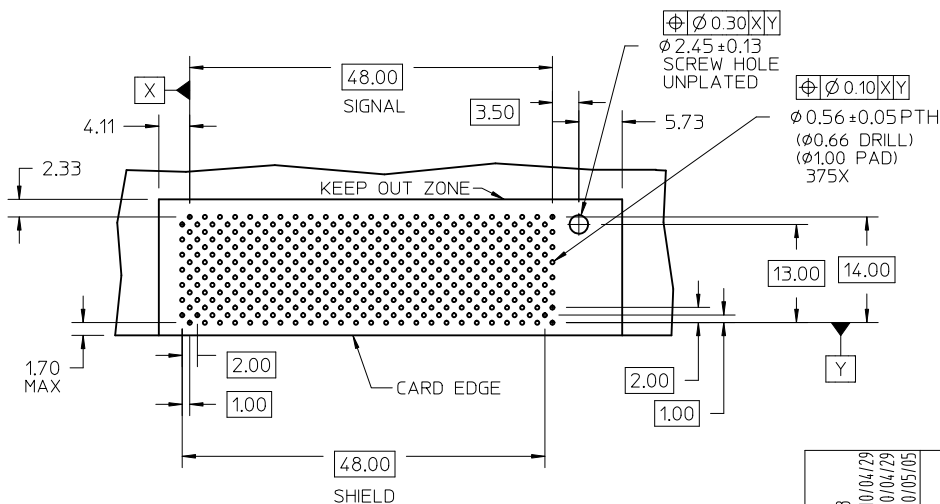
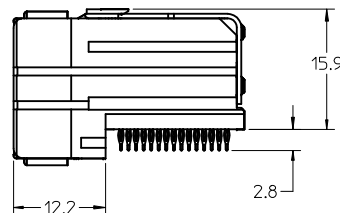
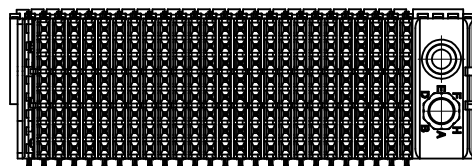
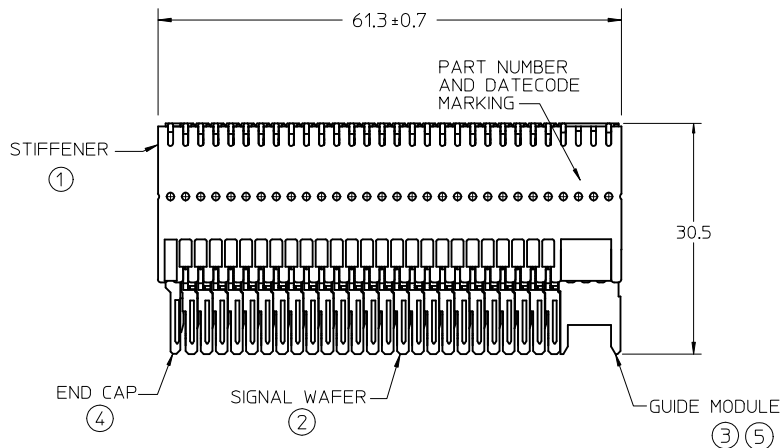
Reference - Drawing Numbers

Packaging Specification	PK-70873-5041
Product Specification	PS-74031-999
Sales Drawing	SD-74040-1343

VHDM is a trademark of Amphenol Corporation

This document was generated on 06/07/2010

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DAUGHTERCARD BOARD LAYOUT
CONNECTOR SIDE

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 BY LASER MARKING ON THE STIFFENER.

ITEM	PART NUMBER	DESCRIPTION	QTY
1	74046-0061	STIFFENER	1
2	74041-0001	SIGNAL WAFER	25
3	74037-0008	POLARIZING/GUIDE MODULE	1
4	74038-1001	END CAP	1
5	73726-0000	GUIDE MODULE MTG SCREW	1

INITIAL RELEASE EC NO: UCP2010-2753 DRWN:SDANNELLEY 2010/04/29 CHKD:JMELTON 2010/04/29 APPR:SMILLER 2010/05/05 A	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm INCH		DRAWN BY DATE SDANNELLEY 2010/04/29		TITLE VHDM 8 ROW DAUGHTERCARD END CAP/25 WAFERS/GUIDE SALES DRAWING				
			3 PLACES ± --- ± ---		CHECKED BY DATE JMELTON 2010/04/29						
			2 PLACES ± 0.25 ± ---		APPROVED BY DATE SMILLER 2010/05/05						
			1 PLACE ± 0.38 ± ---		MATERIAL NO. 74040-1343		DOCUMENT NO. SD-74040-1343				
ANGULAR ±1/2°		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					
SHEET NO. 1 OF 1											

Данный компонент на территории Российской Федерации

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<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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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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