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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

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

200

200

Black

200

No

94V-0

Yes

N/A

Copper Alloy

Tin-Lead

Gold

High Performance Thermoplastic

25

N/A

8

Right Angle

No

None

0.070 In

1.80 mm

Tube

0.079 In

2.00 mm

30

No

Yes

Yes

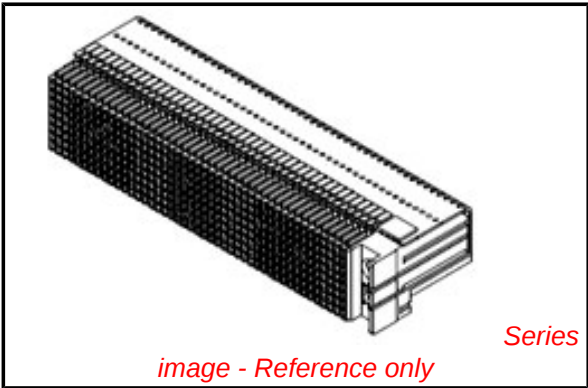
-55°C to +80°C

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

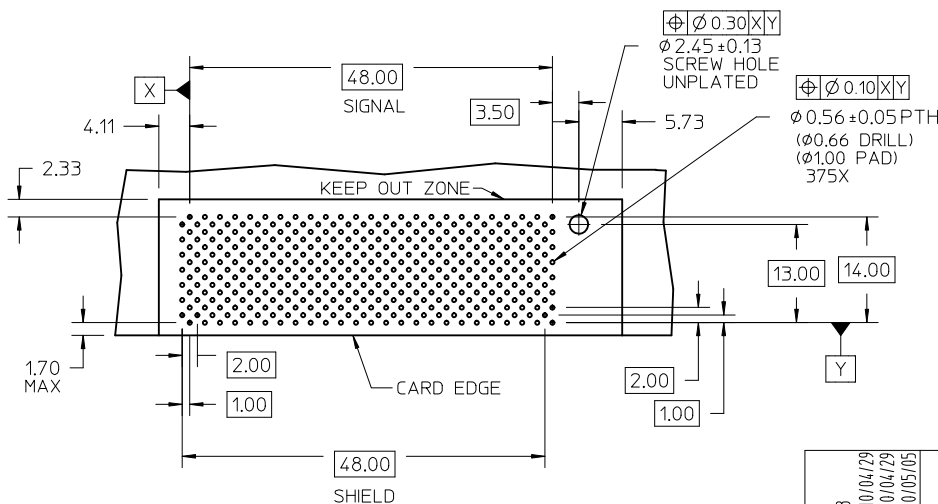
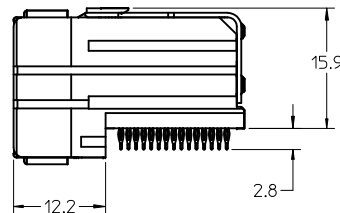
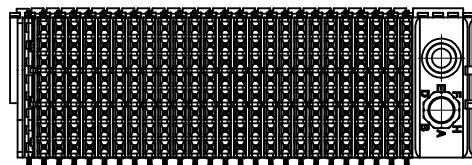
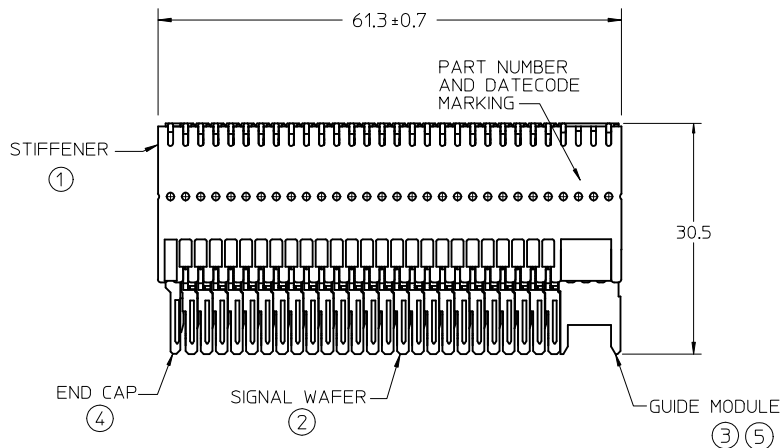
Reference - Drawing Numbers

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

VHDM is a trademark of Amphenol Corporation

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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	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
						MM ONLY		2:1	METRIC			
						DRAWN BY	DATE	TITLE				
						CHECKED BY	DATE	VHDM 8 ROW DAUGHTERCARD				
						JMELTON	2010/04/29	END CAP/25 WAFERS/GUIDE				
						APPROVED BY	DATE	SALES DRAWING				
						SMILLER	2010/05/05	MOLEX MOLEX INCORPORATED				
REV			ANGULAR $\pm 1/2^\circ$			MATERIAL NO.	DOCUMENT NO.				SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			74040-1343		SD-74040-1343				1 OF 1
						SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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