

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 \(PDF\)](#)

[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)

360

Circuits (maximum)

360

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

45

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

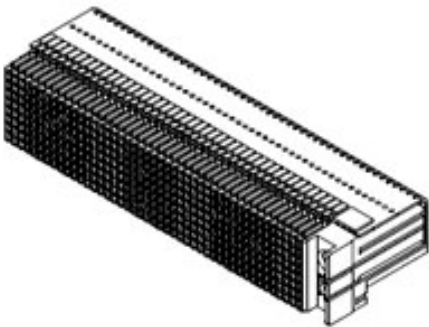


image - Reference only

Series

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto: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 | <a href="#">0622016200</a> |
| GbX VHDM® and VHDM-HSD™ Insertion Module        | <a href="#">0622020214</a> |

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

**Material Info**

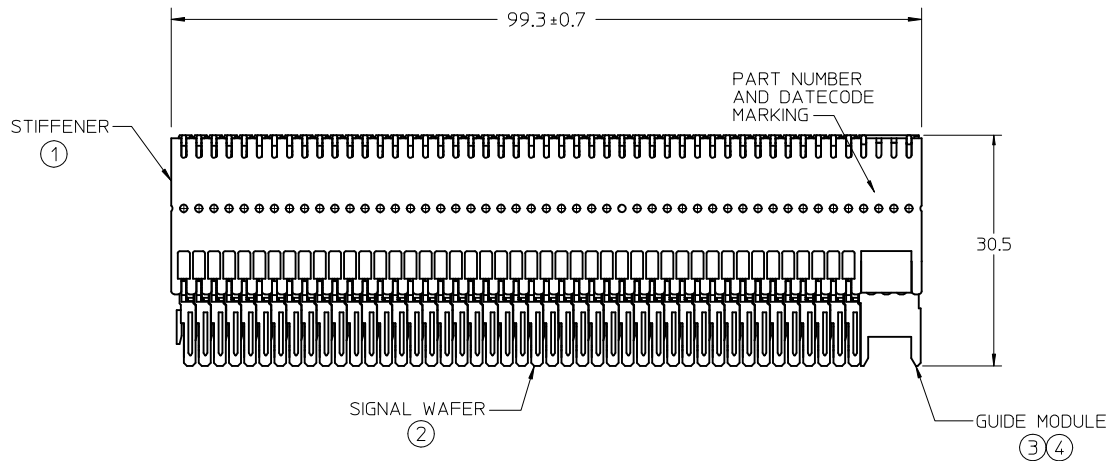
**Reference - Drawing Numbers**

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

VHDM is a trademark of Amphenol Corporation

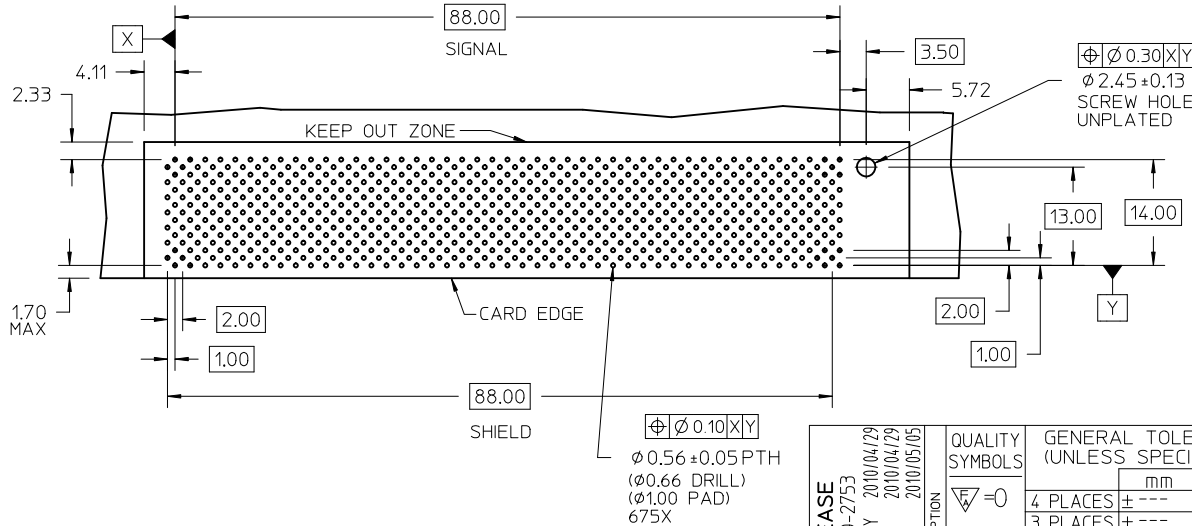
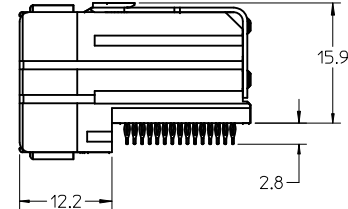
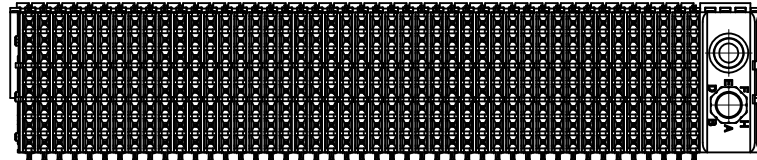
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NOTES:

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

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:

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- 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.
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- 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.



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