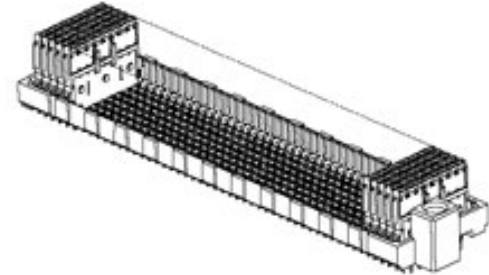


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**Part Number:** [0751170538](#)  
**Status:** **Active**  
**Overview:** [vhdm](#)  
**Description:** 2.00mm (.0779") Pitch VHDM® Board-to-Board Stacker Guided Receptacle, Vertical, 400 Circuits, 0.76µm (30µ") Gold (Au)



Series

image - Reference only

**Documents:**

- [Packaging Specification \(PDF\)](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-74031-999 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                               |                                                                                 |
|-------------------------------|---------------------------------------------------------------------------------|
| Product Family                | Backplane Connectors                                                            |
| Series                        | <a href="#">75117</a>                                                           |
| Application                   | Daughtercard                                                                    |
| Application Tooling Documents | <a href="http://www.molex.com/pdm_docs/ats/TM-622010999.pdf">Tooling Manual</a> |
| Comments                      | Stack Height 18mm (.708")                                                       |
| Component Type                | PCB Receptacle                                                                  |
| Overview                      | <a href="#">vhdm</a>                                                            |
| Product Name                  | VHDM®                                                                           |
| Style                         | N/A                                                                             |

**Physical**

|                                |                                                     |
|--------------------------------|-----------------------------------------------------|
| Circuits (Loaded)              | 400                                                 |
| Circuits (maximum)             | 400                                                 |
| Color - Resin                  | Black                                               |
| Durability (mating cycles max) | 200                                                 |
| First Mate / Last Break        | No                                                  |
| Guide to Mating Part           | Yes                                                 |
| Keying to Mating Part          | None                                                |
| Material - Metal               | Copper-Nickel-Silicon, 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                 | 8                                                   |
| Orientation                    | Vertical                                            |
| PC Tail Length (in)            | 0.112 In                                            |
| PC Tail Length (mm)            | 2.85 mm                                             |
| PCB Locator                    | No                                                  |
| PCB Retention                  | None                                                |
| PCB Thickness Recommended (in) | 0.071 In                                            |
| PCB Thickness Recommended (mm) | 1.80 mm                                             |
| Packaging Type                 | Tray                                                |
| Pitch - Mating Interface (in)  | 0.079 In                                            |
| Pitch - Mating Interface (mm)  | 2.00 mm                                             |
| Pitch - Term. Interface (in)   | 0.039 In                                            |
| Pitch - Term. Interface (mm)   | 1.00 mm                                             |
| Plating min: Mating (µin)      | 30                                                  |
| Plating min: Mating (µm)       | 0.75                                                |
| Plating min: Termination (µin) | 30                                                  |
| Plating min: Termination (µm)  | 0.75                                                |
| Polarized to PCB               | Yes                                                 |
| Stackable                      | No                                                  |
| Surface Mount Compatible (SMC) | Yes                                                 |

**EU RoHS**

**RoHS Compliant by Exemption**

**REACH SVHC**

**Contains SVHC: No**

**Halogen-Free**

**Status**

**Halogen-Free**

**Need more information on product environmental compliance?**

**China RoHS**



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**

[75117Series](#)

**Mates With**

VHDM® Board-to-Board Backplane  
HeaderLink: [74061](#), [74060](#)

Temperature Range - Operating

Termination Interface: Style

105°C

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

Data Rate

Real Signals (per 25mm)

Shield Type

Shielded

Voltage - Maximum

1A

3.125 Gbps

100

Ground Plane Shield

Yes

120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-70873-751

PS-74031-999

SD-75117-538

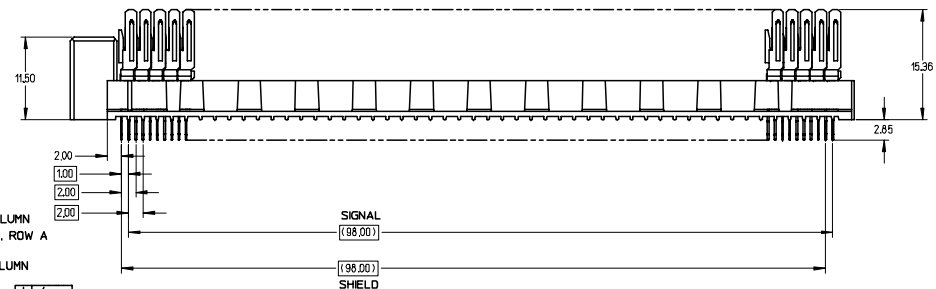
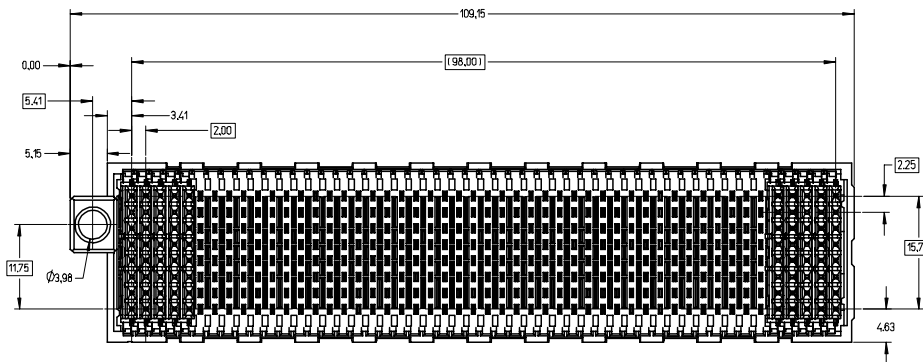
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| MODIFIED NOTES<br>EC NO: LCP2008-0983<br>DWN:MSANDBERG 2007/11/01<br>CHCKD:JB INGHAM 2007/11/01<br>APPR:JB INGHAM 2007/11/01 | QUALITY SYMBOLS                                                                                                                                                                      | GENERAL TOLERANCES (UNLESS SPECIFIED):                                                                                                                                                                                                                                                      |         | DIMENSION STYLE<br>MM ONLY   |                    | SCALE<br>3:1        | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |          |        |         |          |        |        |         |        |        |                                  |  |                    |                                                                                 |  |  |
|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------|--------------------|---------------------|------------------------|---------------------------|----------|--------|---------|----------|--------|--------|---------|--------|--------|----------------------------------|--|--------------------|---------------------------------------------------------------------------------|--|--|
|                                                                                                                              |  =0<br> =0 | <table><tr><th></th><th>mm</th><th>INCH</th></tr><tr><td>4 PLACES</td><td>± .0005</td><td>± .0001</td></tr><tr><td>3 PLACES</td><td>± .001</td><td>± .0002</td></tr><tr><td>2 PLACES</td><td>± .005</td><td>± .001</td></tr><tr><td>1 PLACE</td><td>± .010</td><td>± .002</td></tr></table> |         | mm                           | INCH               | 4 PLACES            | ± .0005                | ± .0001                   | 3 PLACES | ± .001 | ± .0002 | 2 PLACES | ± .005 | ± .001 | 1 PLACE | ± .010 | ± .002 | DRAWN BY<br>MSANDBERG 2007/04/05 |  | DATE<br>2007/04/05 | TITLE<br>VHDH 8-ROW DAUGHTERCARD<br>STACKER 50 COLUMN W/<br>GUIDE SALES DRAWING |  |  |
|                                                                                                                              |                                                                                                                                                                                      | mm                                                                                                                                                                                                                                                                                          | INCH    |                              |                    |                     |                        |                           |          |        |         |          |        |        |         |        |        |                                  |  |                    |                                                                                 |  |  |
|                                                                                                                              | 4 PLACES                                                                                                                                                                             | ± .0005                                                                                                                                                                                                                                                                                     | ± .0001 |                              |                    |                     |                        |                           |          |        |         |          |        |        |         |        |        |                                  |  |                    |                                                                                 |  |  |
|                                                                                                                              | 3 PLACES                                                                                                                                                                             | ± .001                                                                                                                                                                                                                                                                                      | ± .0002 |                              |                    |                     |                        |                           |          |        |         |          |        |        |         |        |        |                                  |  |                    |                                                                                 |  |  |
| 2 PLACES                                                                                                                     | ± .005                                                                                                                                                                               | ± .001                                                                                                                                                                                                                                                                                      |         |                              |                    |                     |                        |                           |          |        |         |          |        |        |         |        |        |                                  |  |                    |                                                                                 |  |  |
| 1 PLACE                                                                                                                      | ± .010                                                                                                                                                                               | ± .002                                                                                                                                                                                                                                                                                      |         |                              |                    |                     |                        |                           |          |        |         |          |        |        |         |        |        |                                  |  |                    |                                                                                 |  |  |
|                                                                                                                              | ANGULAR ± 2°                                                                                                                                                                         | APPROVED BY<br>RNELSON 2007/04/05                                                                                                                                                                                                                                                           |         | DATE<br>2007/04/05           | MOLEX INCORPORATED |                     |                        |                           |          |        |         |          |        |        |         |        |        |                                  |  |                    |                                                                                 |  |  |
|                                                                                                                              | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                                                           | MATERIAL NO.<br>75117-0538                                                                                                                                                                                                                                                                  |         | DOCUMENT NO.<br>SD-75117-538 |                    | SHEET NO.<br>1 OF 1 |                        |                           |          |        |         |          |        |        |         |        |        |                                  |  |                    |                                                                                 |  |  |
| A2                                                                                                                           | REV                                                                                                                                                                                  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>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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