

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

**Part Number:** [0751992514](#)  
**Status:** **Active**  
**Overview:** [vhdm\\_\\_hsd](#)  
**Description:** 2.00mm (.079") Pitch 8-Row VHDM® Lite Backplane Header, Guide Pin Signal Module, Shield End Version, 200 Circuits, Pin Length 5.15mm (.203")

**Documents:**

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

**General**

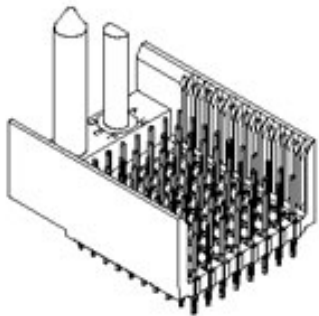
|                               |                                                                                                  |
|-------------------------------|--------------------------------------------------------------------------------------------------|
| Product Family                | Backplane Connectors                                                                             |
| Series                        | <a href="#">75199</a>                                                                            |
| Application                   | Backplane                                                                                        |
| Application Tooling Documents | <a href="http://www.molex.com/pdm_docs/ats/TM-622010999.pdf">TM-622010999.pdf</a> Tooling Manual |
| Comments                      | Keying Position A                                                                                |
| Component Type                | PCB Header                                                                                       |
| Overview                      | <a href="#">vhdm__hsd</a>                                                                        |
| Product Name                  | VHDM Lite®                                                                                       |
| Style                         | N/A                                                                                              |

**Physical**

|                                |                                               |
|--------------------------------|-----------------------------------------------|
| Circuits (Loaded)              | 200                                           |
| Circuits (maximum)             | 200                                           |
| Color - Resin                  | Black                                         |
| Durability (mating cycles max) | 200                                           |
| First Mate / Last Break        | No                                            |
| Guide to Mating Part           | Yes                                           |
| Keying to Mating Part          | Yes                                           |
| Material - Metal               | High Performance Alloy (HPA), Stainless Steel |
| Material - Plating Mating      | Gold                                          |
| Material - Plating Termination | Tin-Lead                                      |
| Material - Resin               | High Temperature Thermoplastic                |
| Number of Columns              | 25                                            |
| Number of Pairs                | Open Pin Field                                |
| Number of Rows                 | 8                                             |
| Orientation                    | Vertical                                      |
| PCB Retention                  | Yes                                           |
| 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                                            |
| Plating min: Mating (µm)       | 0.75                                          |
| Plating min: Termination (µin) | 30                                            |
| Plating min: Termination (µm)  | 0.75                                          |
| Polarized to PCB               | Yes                                           |
| Stackable                      | Yes                                           |
| Surface Mount Compatible (SMC) | Yes                                           |
| Temperature Range - Operating  | -55°C to +105°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**  
**Contains SVHC: No**  
**Halogen-Free**  
**Status**

**China RoHS**



**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**

[75199Series](#)

**Mates With**

[75191](#) VHDM® Lite-Series Board-to-Board Daughtercard

**Use With**

Daughtercard Modules

**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**

|                      |                            |
|----------------------|----------------------------|
| <b>Description</b>   | <b>Product #</b>           |
| VHDM® Signal Pin     | <a href="#">0622015700</a> |
| Insertor Repair Tool |                            |

|                         |                  |
|-------------------------|------------------|
| Data Rate               | 622.0 Mbps       |
| Real Signals (per 25mm) | 72               |
| Voltage - Maximum       | 120V AC (RMS)/DC |

**Material Info**

|                 |            |
|-----------------|------------|
| Old Part Number | 75199-2541 |
|-----------------|------------|

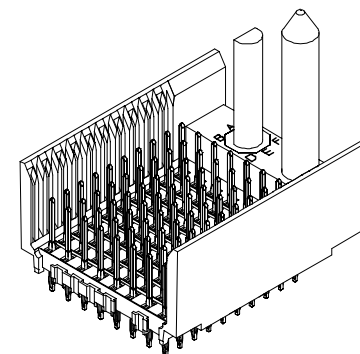
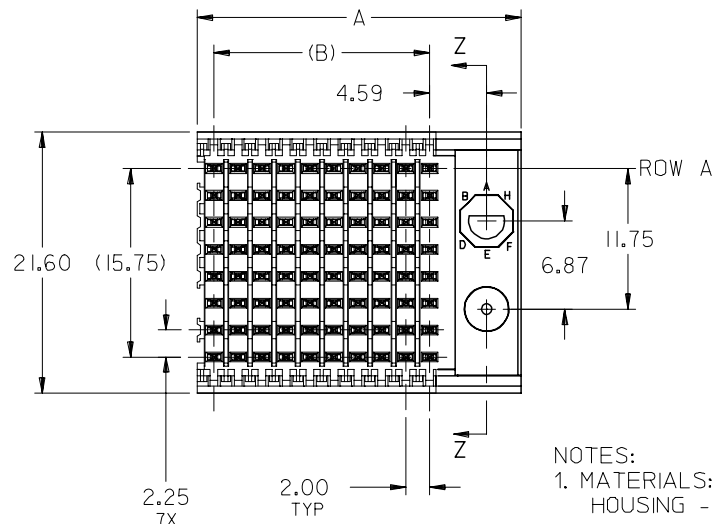
**Reference - Drawing Numbers**

|                         |              |
|-------------------------|--------------|
| Packaging Specification | PK-74061-003 |
| Product Specification   | PS-74031-999 |
| Sales Drawing           | SD-75199-001 |

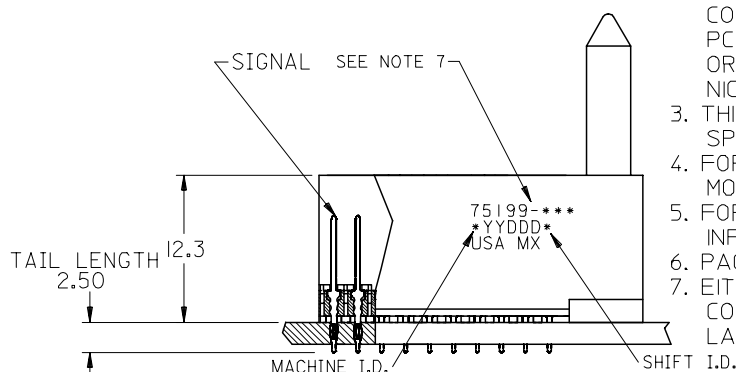
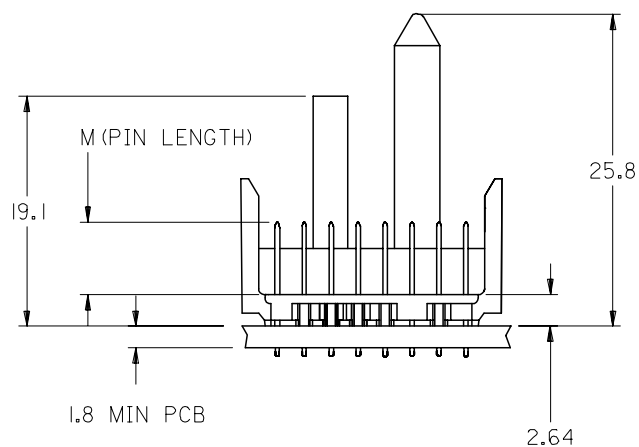
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- NOTES:
1. MATERIALS:  
HOUSING - LIQUID CRYSTAL POLYMER (LCP),  
GLASS-FILLED, UL 94V-0, COLOR: BLACK  
SIGNAL PIN - COPPER ALLOY
  2. FINISHES:  
CONTACT AREA: SELECTIVE GOLD (Au)  
PCB TAILS: SELECTIVE TIN/LEAD (Sn/Pb)  
OR SELECTIVE MATTE TIN (Sn)  
NICKEL (Ni) OVERALL.
  3. THIS PART CONFORMS TO MOLEX PRODUCT  
SPECIFICATION PS-74031-999
  4. FOR MIXED CONTACT LENGTHS CONSULT  
MOLEX FOR AVAILABILITY
  5. FOR SPECIFIC MATERIAL NUMBERS & MATING  
INFORMATION REFER TO SHEET 2
  6. PACKAGE PER PK-74061-003
  7. EITHER MARK PART WITH PART NUMBER & DATE  
CODE APPROXIMATELY WHERE SHOWN OR PLACE  
LABEL ON THE TUBE.



|                                                                                  |                                        |             |                                   |                                                            |       |                            |                                                                                                                                  |                    |                                                                    |                           |        |  |
|----------------------------------------------------------------------------------|----------------------------------------|-------------|-----------------------------------|------------------------------------------------------------|-------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------|---------------------------|--------|--|
| ADD LEADFREE PINS<br>EC NO: UCP2006-0059<br>DRWNG:MULVEY<br>CHKD:<br>APPR: SREED | 2005/07/13<br>2005/07/13<br>2005/07/15 | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |       | DIMENSION STYLE<br>MM ONLY |                                                                                                                                  | SCALE<br>2.5:1     | DESIGN UNITS<br>METRIC                                             | THIRD ANGLE<br>PROJECTION |        |  |
|                                                                                  |                                        |             |                                   |                                                            | mm    | INCH                       | DRAWN BY<br>MBANDURA                                                                                                             | DATE<br>2002/10/17 | TITLE<br>VHDM LITE 8 ROW<br>SHIELD END BACKPLANE<br>SALES ASSEMBLY |                           |        |  |
|                                                                                  |                                        |             |                                   | 4 PLACES                                                   | ± --- | ± ---                      | CHECKED BY                                                                                                                       | DATE               |                                                                    |                           |        |  |
|                                                                                  |                                        |             |                                   | 3 PLACES                                                   | ± --- | ± ---                      | MAINT IN                                                                                                                         | 2002/10/17         | MOLEX MOLEX INCORPORATED                                           |                           |        |  |
|                                                                                  |                                        |             |                                   | 2 PLACES                                                   | ± --- | ± ---                      | APPROVED BY                                                                                                                      | DATE               |                                                                    |                           |        |  |
|                                                                                  |                                        |             |                                   | 1 PLACE                                                    | ± --- | ± ---                      | CBIXLER                                                                                                                          | 2002/10/17         | MOLEX MOLEX INCORPORATED                                           |                           |        |  |
|                                                                                  |                                        |             |                                   | ANGULAR ±1/2°                                              |       | MATERIAL NO.               | DOCUMENT NO.                                                                                                                     | SHEET NO.          |                                                                    |                           |        |  |
|                                                                                  |                                        |             |                                   | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       |                            | SEE SHEET 2                                                                                                                      |                    | SD-75199-001                                                       |                           | 1 OF 2 |  |
|                                                                                  |                                        |             |                                   |                                                            |       |                            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                                                    |                           |        |  |

10 9 8 7 6 5 4 3 2 1

M/N  
75199-( )

---0\*

---1\*

---2\*

---3\*

---4\*

---5\*

---6\*

---7\*

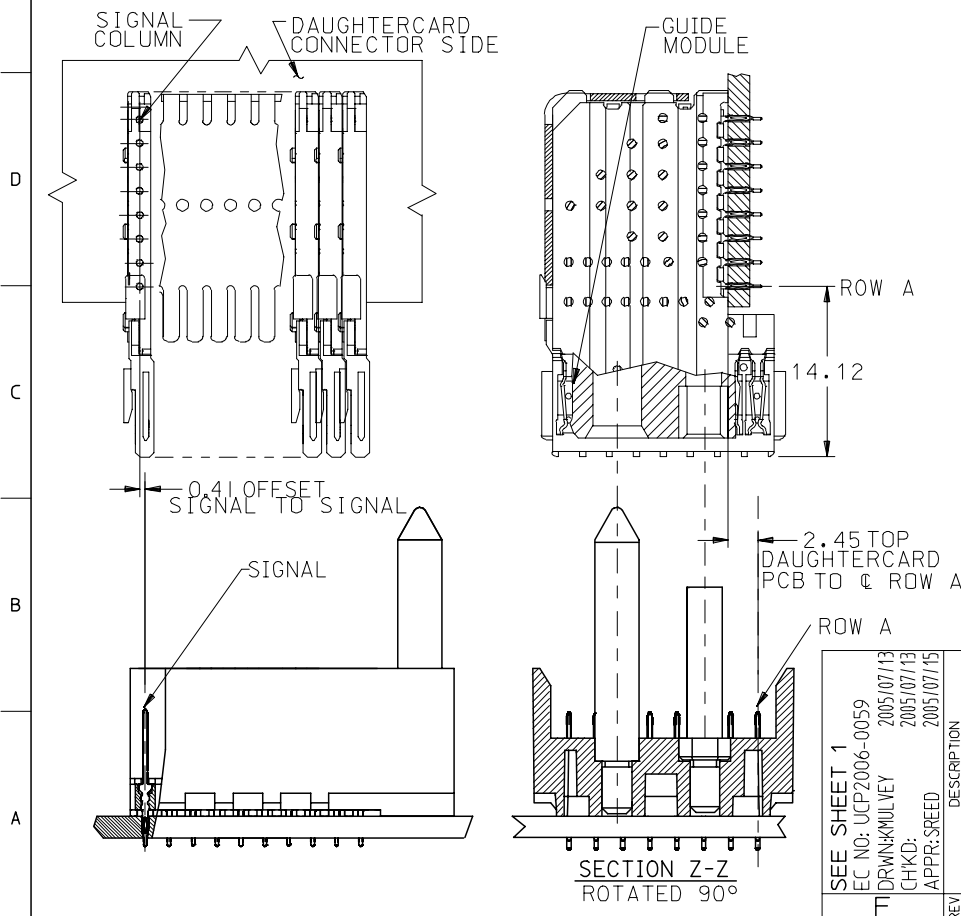
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KEYING PIN  
ORIENTATION

75199 - \* \* \* \*

NUMBER OF COLUMNS/PLATING  
10 = 10 COLUMN TIN/LEAD  
25 = 25 COLUMN TIN/LEAD  
90 = 10 COLUMN MATTE TIN  
85 = 25 COLUMN MATTE TIN

CONTACT LOAD  
(PIN HEIGHT)  
1 = 4.75  
2 = 6.25  
3 = 4.25  
4 = 5.15



| PART NUMBER | COLUMN | NUMBER OF SIGNAL PIN | NUMBER OF SHIELD | A     | B     | M    | Au (um) THICKNESS | Sn (um) THICKNESS |
|-------------|--------|----------------------|------------------|-------|-------|------|-------------------|-------------------|
| 75199-0*1   | 10     | 80                   | 0                | 27.00 | 18.00 | 4.75 | 0.76              | 0.76-1.52         |
| 75199-5*1   | 25     | 200                  | 0                | 57.00 | 48.00 | 4.75 | ---               |                   |
| 75199-0*2   | 10     | 80                   | 0                | 27.00 | 18.00 | 6.25 | 0.76              |                   |
| 75199-5*2   | 25     | 200                  | 0                | 57.00 | 48.00 | 6.25 | ---               |                   |
| 75199-0*3   | 10     | 80                   | 0                | 27.00 | 18.00 | 4.25 | 0.76              |                   |
| 75199-5*3   | 25     | 200                  | 0                | 57.00 | 48.00 | 4.25 | ---               |                   |
| 75199-0*4   | 10     | 80                   | 0                | 27.00 | 18.00 | 5.15 | 0.76              |                   |
| 75199-5*4   | 25     | 200                  | 0                | 57.00 | 48.00 | 5.15 | ---               |                   |
|             |        |                      |                  |       |       |      | 0.76              |                   |
|             |        |                      |                  |       |       |      | ---               |                   |
|             |        |                      |                  |       |       |      | 0.76              |                   |
|             |        |                      |                  |       |       |      | ---               |                   |

SEE SHEET 1  
EC NO: UCP2006-0059  
IDRWK/MULVEY 2005/07/13  
CHKD: 2005/07/13  
APPR: SREED 2005/07/15

QUALITY SYMBOLS  
▽=0  
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)  
mm INCH  
4 PLACES ± --- ± ---  
3 PLACES ± --- ± ---  
2 PLACES ± --- ± ---  
1 PLACE ± --- ± ---  
ANGULAR ±1/2°

DRAFT WHERE APPLICABLE  
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE  
MM ONLY  
DRAWN BY DATE  
MBANDURA 2002/10/17  
CHECKED BY DATE  
NMARTIN 2002/10/17  
APPROVED BY DATE  
CBIXLER 2002/10/17  
MATERIAL NO.  
SEE CHART

SCALE  
2.5:1

DESIGN UNITS  
METRIC

THIRD ANGLE PROJECTION

VHDM LITE 8 ROW  
SHIELD END BACKPLANE  
SALES ASSEMBLY

MOLEX INCORPORATED

DOCUMENT NO.  
SD-75199-001

SHEET NO.  
2 OF 2

ib\_frame\_B\_P\_ME\_T  
Rev. D 2004/04/02

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](mailto:org@lifeelectronics.ru)

[www.lifeelectronics.ru](http://www.lifeelectronics.ru)