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**Part Number:** [0751992513](#)  
**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 4.25mm (.167")

**Documents:**

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

**General**

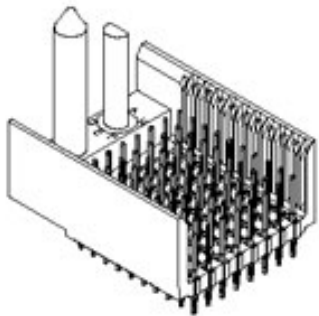
|                               |                                                                                                       |
|-------------------------------|-------------------------------------------------------------------------------------------------------|
| Product Family                | 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</a> |
| 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**

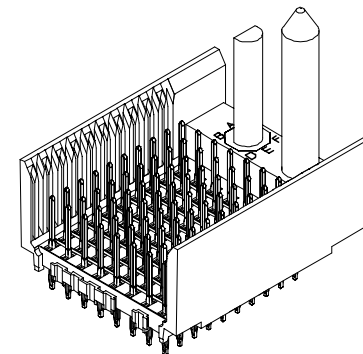
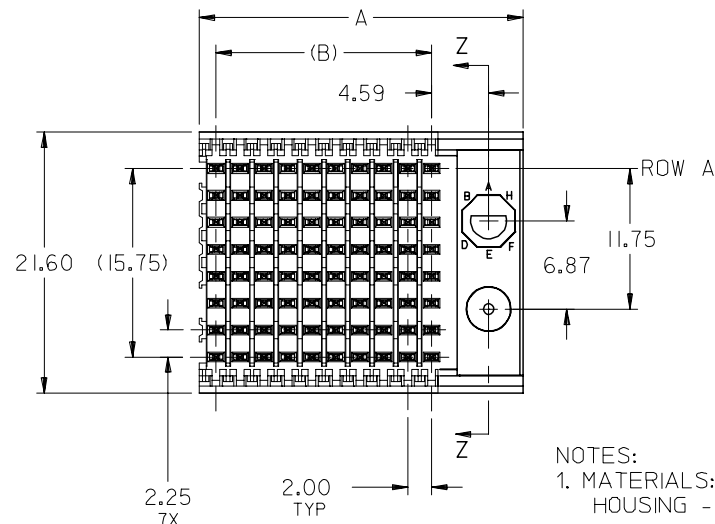
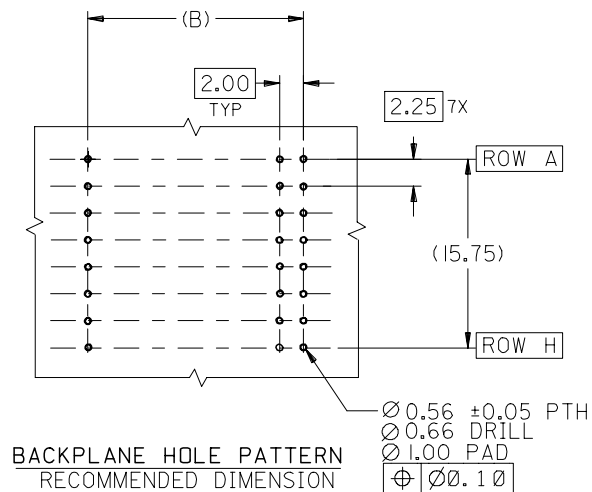
**Reference - Drawing Numbers**

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

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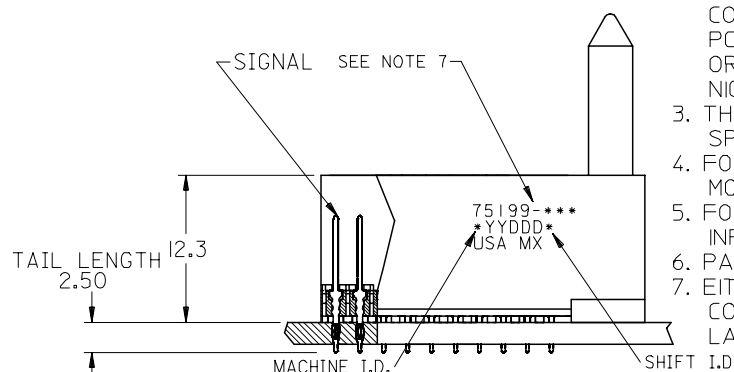
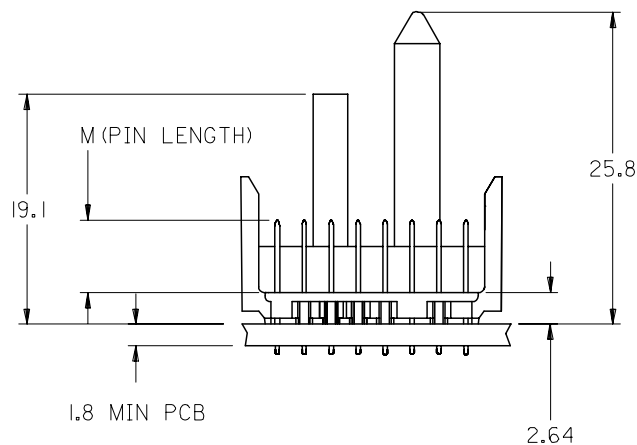
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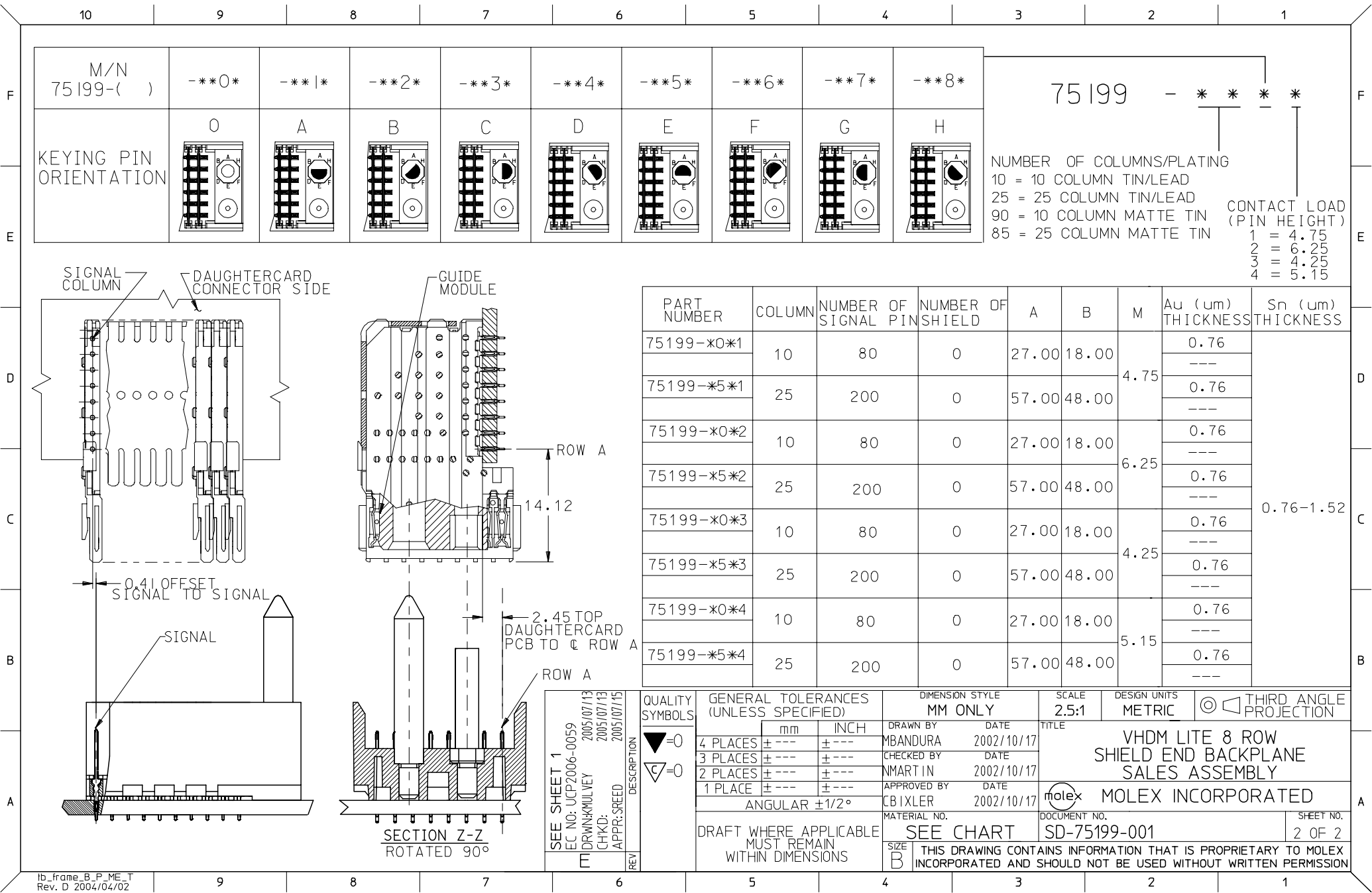


#### NOTES:

- MATERIALS:**  
HOUSING - LIQUID CRYSTAL POLYMER (LCP),  
GLASS-FILLED, UL 94V-0, COLOR: BLACK  
SIGNAL PIN - COPPER ALLOY
- FINISHES:**  
CONTACT AREA: SELECTIVE GOLD (Au)  
PCB TAILS: SELECTIVE TIN/LEAD (Sn/Pb)  
OR SELECTIVE MATTE TIN (Sn)  
NICKEL (Ni) OVERALL.
- THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-74031-999
- FOR MIXED CONTACT LENGTHS CONSULT MOLEX FOR AVAILABILITY
- FOR SPECIFIC MATERIAL NUMBERS & MATING INFORMATION REFER TO SHEET 2
- PACKAGE PER PK-74061-003
- 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>IDRWK/MULVEY 2005/07/13<br>CHKD: 2005/07/13<br>APPR: SREED 2005/07/15 | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div> | 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>DATE    | TITLE          | VHDM LITE 8 ROW<br>SHIELD END BACKPLANE<br>SALES ASSEMBLY |                                                                                                                 |  |
|                                                                                                                   |                                                  | 4 PLACES                                                                                                                      | ± ---               | ± ---                      | MBANDURA 2002/10/17 |                |                                                           |                                                                                                                 |  |
|                                                                                                                   |                                                  | 3 PLACES                                                                                                                      | ± ---               | ± ---                      | CHECKED BY<br>DATE  |                |                                                           |                                                                                                                 |  |
|                                                                                                                   |                                                  | 2 PLACES                                                                                                                      | ± ---               | ± ---                      | NMARTIN 2002/10/17  |                | MOLEX INCORPORATED                                        |                                                                                                                 |  |
| 1 PLACE                                                                                                           | ± ---                                            | ± ---                                                                                                                         | APPROVED BY<br>DATE |                            |                     |                |                                                           |                                                                                                                 |  |
| 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                                                    |                                                                                                                 |  |
| REV                                                                                                               | SIZE<br>B                                        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                     |                            |                     |                |                                                           |                                                                                                                 |  |



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<http://moschip.ru/get-element>

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