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Part Number:

0749525908

Status:

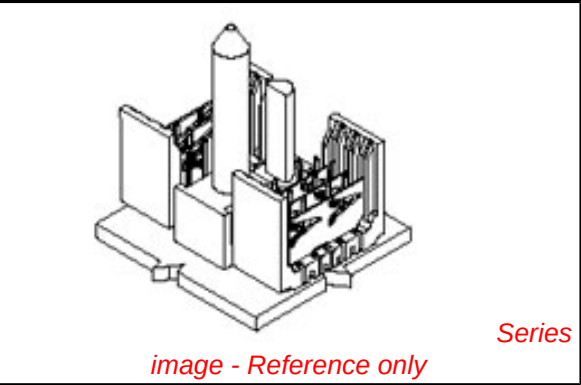
Active

Overview:

vhdm\_\_hsd

Description:

2.00mm (.079") Pitch 5-Row VHDM-HSD™ Backplane Header, Polarizing Pin Module, Code Key H, 40 Circuits



Documents:

[Drawing \(PDF\)](#)

[Product Specification PS-74031-999 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

|                                |                                                                                 |
|--------------------------------|---------------------------------------------------------------------------------|
| General                        |                                                                                 |
| Product Family                 | Backplane Connectors                                                            |
| Series                         | 74952                                                                           |
| Application                    | Backplane                                                                       |
| Application Tooling Documents  | <a href="http://www.molex.com/pdm_docs/ats/TM-622010999.pdf">Tooling Manual</a> |
| Comments                       | Position H, PCB Thickness 4.00mm (.157") to 9.00mm (.354")                      |
| Component Type                 | PCB Header                                                                      |
| Overview                       | vhdm__hsd                                                                       |
| Product Name                   | VHDM-HSD™                                                                       |
| Style                          | N/A                                                                             |
| Physical                       |                                                                                 |
| Circuits (Loaded)              | N/A                                                                             |
| Durability (mating cycles max) | 200                                                                             |
| First Mate / Last Break        | No                                                                              |
| Guide to Mating Part           | Yes                                                                             |
| Keying to Mating Part          | Yes                                                                             |
| Material - Metal               | Stainless Steel                                                                 |
| Number of Columns              | 6                                                                               |
| Number of Pairs                | Open Pin Field                                                                  |
| Number of Rows                 | 0                                                                               |
| Orientation                    | Vertical                                                                        |
| PCB Locator                    | No                                                                              |
| PCB Retention                  | None                                                                            |
| PCB Thickness Recommended (in) | 0.071 In                                                                        |
| PCB Thickness Recommended (mm) | 1.80 mm                                                                         |
| Packaging Type                 | Bag                                                                             |
| Pitch - Mating Interface (in)  | 0.000 In                                                                        |
| Pitch - Mating Interface (mm)  | 0.00 mm                                                                         |
| Polarized to PCB               | Yes                                                                             |
| Surface Mount Compatible (SMC) | Yes                                                                             |
| Temperature Range - Operating  | N/A                                                                             |
| Electrical                     |                                                                                 |
| Current - Maximum per Contact  | N/A                                                                             |
| Data Rate                      | 5.0 Gbps                                                                        |
| Shield Type                    | N/A                                                                             |
| Shielded                       | No                                                                              |
| Voltage - Maximum              | N/A                                                                             |
| Material Info                  |                                                                                 |
| Reference - Drawing Numbers    |                                                                                 |
| Product Specification          | PS-74031-999                                                                    |
| Sales Drawing                  | SD-74952-002                                                                    |

EU RoHS

China RoHS

Compliance Status

Not Reviewed

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

74952Series

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20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

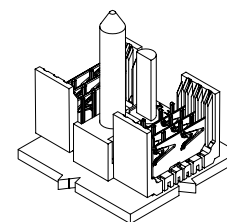
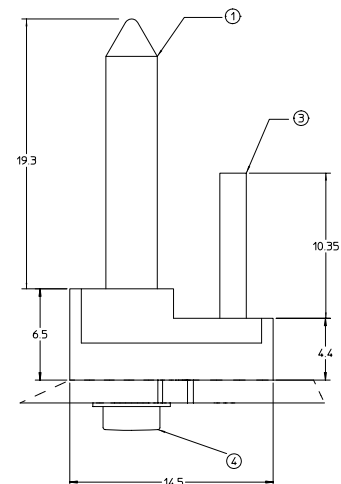
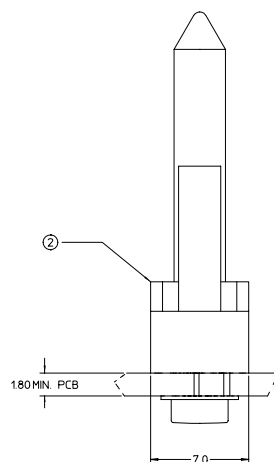
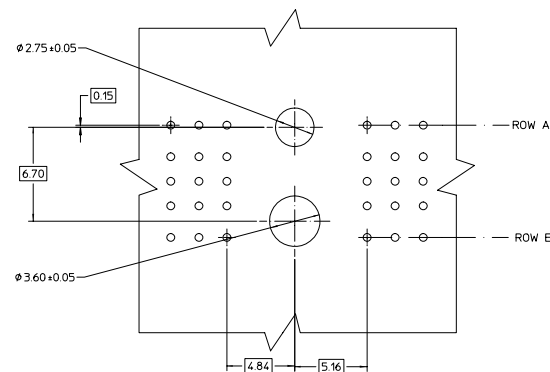
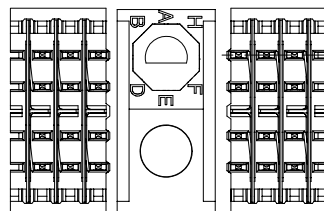
| MATERIAL NUMBER<br>PCB THICKNESS<br>>4.0 - 9.0 | MATERIAL NUMBER<br>PCB THICKNESS<br>18 - 4.0 | BUSHING CLOCK POSITION |
|------------------------------------------------|----------------------------------------------|------------------------|
| 74952-5901                                     | 74952-5001                                   | A                      |
| 74952-5902                                     | 74952-5002                                   | B                      |
| 74952-5903                                     | 74952-5003                                   | C                      |
| 74952-5904                                     | 74952-5004                                   | D                      |
| 74952-5905                                     | 74952-5005                                   | E                      |
| 74952-5906                                     | 74952-5006                                   | F                      |
| 74952-5907                                     | 74952-5007                                   | G                      |
| 74952-5908                                     | 74952-5008                                   | H                      |

BILL OF MATERIAL FOR 74952-50\*\*

| ITEM | DESCRIPTION                  | QTY. |
|------|------------------------------|------|
| 1    | GUIDE PIN                    | 1    |
| 2    | GUIDANCE & POLARIZING MODULE | 1    |
| 3    | KEYING PIN                   | 1    |
| 4    | SCREW & WASHER (PCB 18-4.0)  | 1    |

BILL OF MATERIAL FOR 74952-59\*\*

| ITEM | DESCRIPTION                   | QTY. |
|------|-------------------------------|------|
| 1    | GUIDE PIN                     | 1    |
| 2    | GUIDANCE & POLARIZING MODULE  | 1    |
| 3    | KEYING PIN                    | 1    |
| 4    | SCREW & WASHER (PCB >4.0-9.0) | 1    |



- NOTES:
1. MATERIAL:  
HOUSING: LIQUID CRYSTAL POLYMER (LCP),  
COLOR: BLACK  
GUIDE PIN / KEYING PIN: STAINLESS STEEL
  2. THIS PART CONFORMS TO MOLEX PRODUCT  
SPECIFICATION PS-74031-999.
  3. PACKAGING: STANDARD BULK PACK, 100 PER BAG  
PACKAGE SCREW SEPARATELY.

|                                                                                                                         |                 |                                                                                                                               |      |                  |                     |                                                                     |  |                           |  |                  |
|-------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------|------|------------------|---------------------|---------------------------------------------------------------------|--|---------------------------|--|------------------|
| EC NO. UDI2002-0216<br>DRWN: LMOSEY 2001/12/19<br>CHKD: SREED 2001/12/19<br>APPR: CBIXLER 2001/12/20<br>REV DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                         |      | SCALE 6:1        | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION                                              |  | REVISE ON CAD ONLY        |  |                  |
|                                                                                                                         |                 | mm                                                                                                                            | INCH | DIMENSION STYLE  |                     | TITLE                                                               |  |                           |  |                  |
|                                                                                                                         | 0               | 4 PLACES ± --- ± ---                                                                                                          |      | MM ONLY          |                     | BACKPLANE GUIDANCE AND POLARIZING MODULE<br>5 ROW HSD SALES DRAWING |  |                           |  |                  |
|                                                                                                                         |                 | 3 PLACES ± --- ± ---                                                                                                          |      | DRAWN BY DATE    |                     |                                                                     |  |                           |  |                  |
|                                                                                                                         |                 | 2 PLACES ± --- ± ---                                                                                                          |      | NMARTIN 01/12/11 |                     |                                                                     |  |                           |  |                  |
|                                                                                                                         |                 | 1 PLACE ± --- ± ---                                                                                                           |      | CHECKED BY DATE  |                     |                                                                     |  |                           |  |                  |
|                                                                                                                         | 0               | ANGULAR ± 2 °                                                                                                                 |      | SREED 01/12/11   |                     | MOLEX MOLEX INCORPORATED                                            |  |                           |  |                  |
|                                                                                                                         |                 | DRAFT WHERE APPLICABLE                                                                                                        |      | APPROVED BY DATE |                     |                                                                     |  |                           |  |                  |
|                                                                                                                         | 0               | MUST REMAIN WITHIN DIMENSIONS                                                                                                 |      | CBIXLER 01/12/11 |                     | MATERIAL NO. SEE CHART                                              |  | DOCUMENT NO. SD-74952-002 |  | SHEET NO. 1 OF 1 |
|                                                                                                                         |                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |      |                  |                     |                                                                     |  |                           |  |                  |
| D                                                                                                                       |                 |                                                                                                                               |      |                  |                     |                                                                     |  |                           |  |                  |