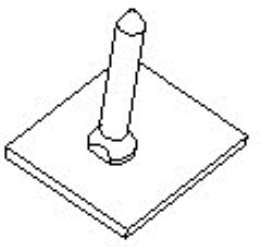
This document was generated on 05/19/2010

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** 0740760006
**Status:** Active
**Overview:** vhdm__hsd
**Description:** VHDM-HSD™ Free-Standing Guide Pin

**Documents:**
Drawing (PDF) RoHS Certificate of Compliance (PDF)



*Series image - Reference only*

## General

| | |
|---|---|
| Product Family | Backplane Connectors |
| Series | 74076 |
| Application | Backplane |
| Application Tooling Documents | <a href="http://www.molex.com/pdm_docs/ats/TM-622010999.pdf">Tooling Manual</a> |
| Comments | Dimension C = 6/8 row |
| Component Type | Guide |
| Overview | vhdm__hsd |
| Product Name | VHDM®, VHDM-HSD™ |
| Style | N/A |

## Physical

| | |
|---|---|
| Circuits (Loaded) | 0 |
| Circuits (maximum) | 0 |
| Durability (mating cycles max) | 200 |
| Keying to Mating Part | None |
| Number of Columns | N/A |
| Number of Pairs | Open Pin Field |
| Number of Rows | 0 |
| Orientation | N/A |
| PCB Retention | None |
| PCB Thickness Recommended (in) | 0.157 In, 0.354 In |
| PCB Thickness Recommended (mm) | 4.00 mm, 9.00 mm |
| Packaging Type | Bag |
| Pitch - Mating Interface (in) | 0.000 In |
| Pitch - Mating Interface (mm) | 0.00 mm |
| Stackable | No |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | N/A |

## Electrical

| | |
|---|---|
| Current - Maximum per Contact | N/A |
| Data Rate | N/A |
| Shielded | No |
| Voltage - Maximum | N/A |

## Material Info

## Reference - Drawing Numbers

| | |
|---|---|
| Sales Drawing | SD-74076-002, SD-74076-005 |

VHDM, VHDM-HSD and Very High Density Metric are trademarks of Amphenol Corporation

**EU RoHS**
**ELV and RoHS Compliant**
**REACH SVHC**
**Not Reviewed**
**Halogen-Free Status**
**Not Reviewed**

**China RoHS**

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

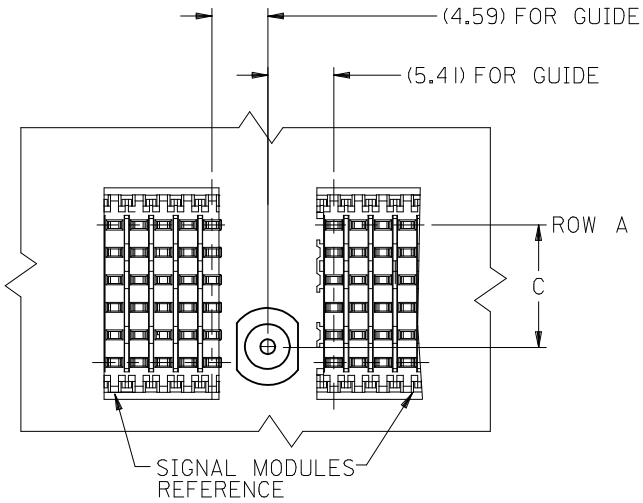
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

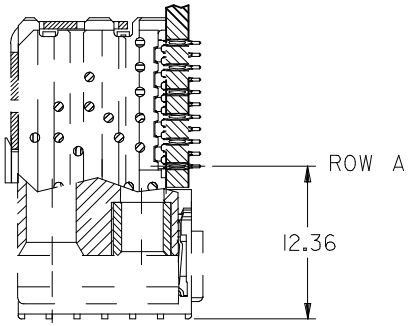
Please visit the Contact Us section for any non-product compliance questions.

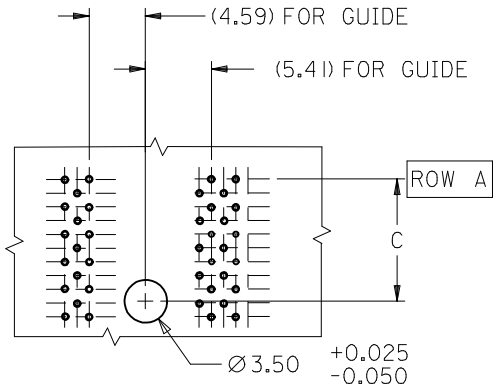
**Search Parts in this Series**
74076Series

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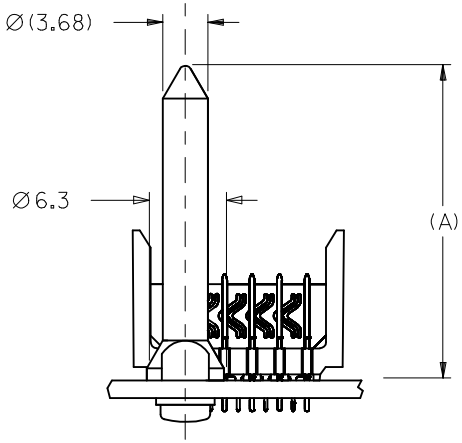
**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

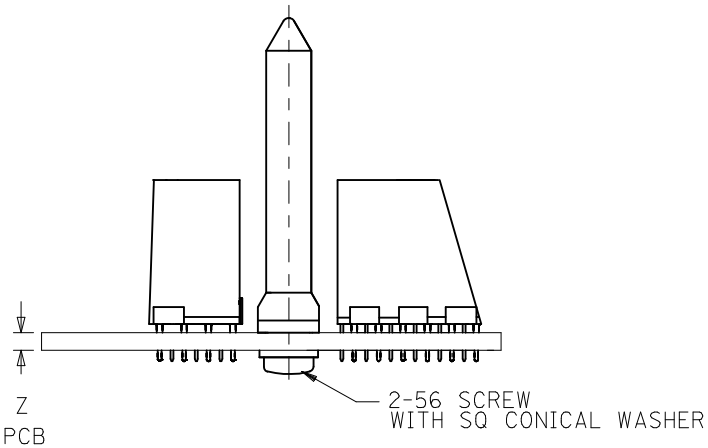



BACKPLANE HOLE PATTERN
FREE STAND GUIDE PIN




| KIT NUMBER | DIM Z BOARD THICKNESS | DIM A |
|---|---|---|
| 74076-0001 | 1.8-4.0 | 25.8 |
| 74076-0002 | >4.0-9.00 | 25.8 |
| 74076-0005 | 1.8-4.0 | 19.9 |
| 74076-0006 | >4.0-9.00 | 19.9 |

NOTES:

PACKAGING: STANDARD BULK PACK, 500 PER BAG
PACKAGE SCREWS AND GUIDE SEPARATE.

| MATE WITH | | DIM C |
|---|---|---|
| VHDM 6 ROW | GUIDE MODULE | 9.96 |
| | GROUND MODULE | 9.26 |
| | JOINER MODULE | 9.26 |
| VHDM 8 ROW | GUIDE MODULE | 11.75 |
| | GROUND MODULE | 11.75 |
| | JOINER MODULE | 11.75 |

ADD PARTS
EC NO: UCP2009-0672
DRWN: JBINGHAM 2008/09/18
CH'KD: 2008/09/19
APPR: JLAURX 2008/09/19
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± 0.10 | ± --- |
| 1 PLACE | ± 0.15 | ± --- |
| ANGULAR ± 3 ° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

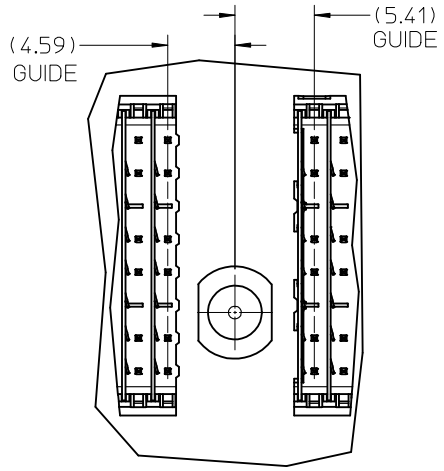
DRAWN BY: MWANG DATE: 2000/03/17
CHECKED BY: JLAURX DATE: 2000/03/20
APPROVED BY: CBIXLER DATE: 2000/03/20

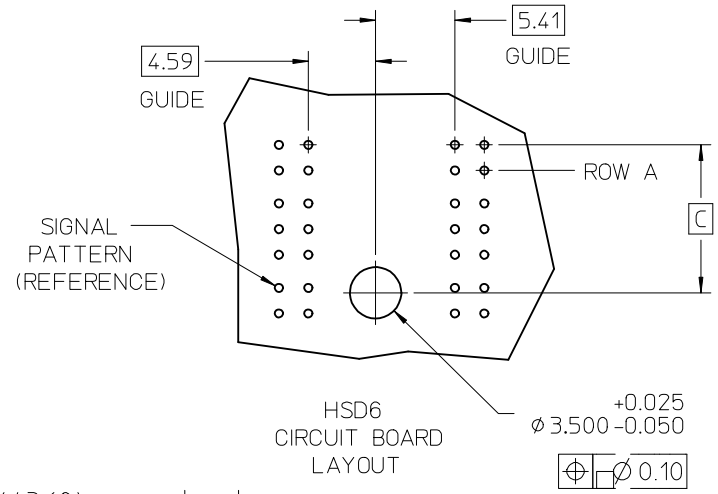
TITLE: VHDM BACKPALNE FREE STANDING GUIDE PIN OPEN ENDS SALES DRAWING

MOLEX INCORPORATED

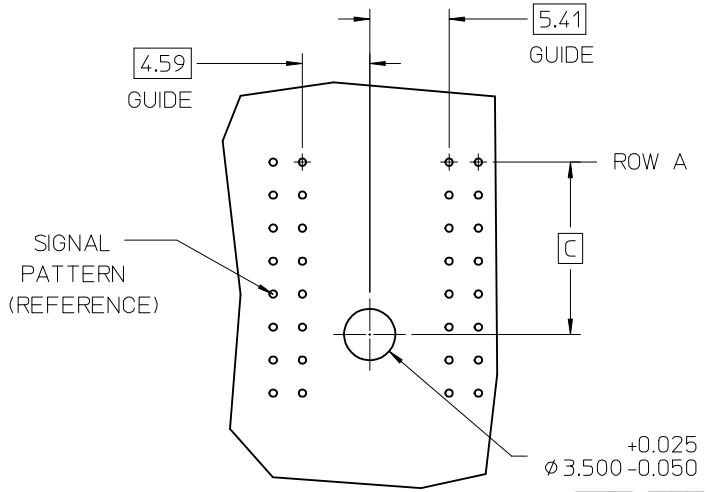
MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-74076-002
SHEET NO.: 1 OF 1
SIZE: B

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

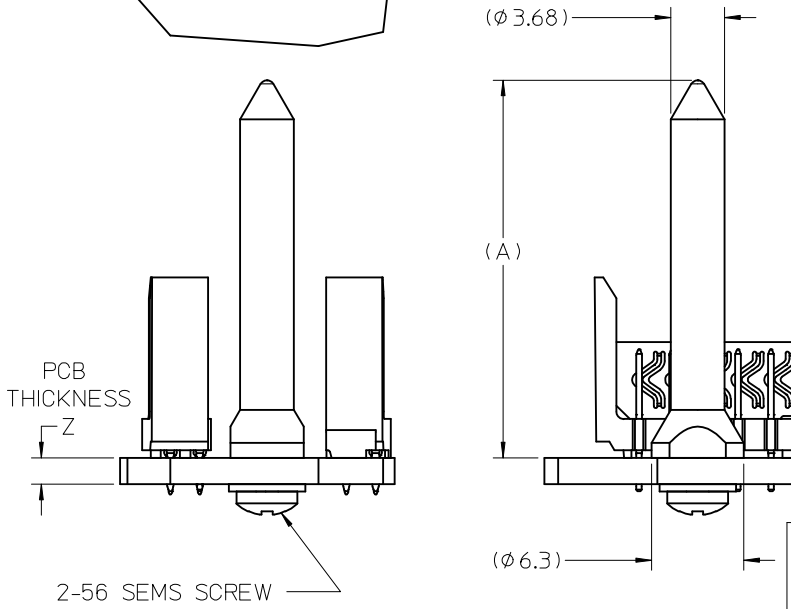



HSD6
CIRCUIT BOARD
LAYOUT




HSD8
CIRCUIT BOARD
LAYOUT




| KIT NUMBER | DIM Z BOARD THICKNESS | DIM A |
|---|---|---|
| 74076-0001 | 1.8 - 4.0 | 25.8 |
| 74076-0002 | >4.0 - 9.0 | 25.8 |
| 74076-0005 | 1.8 - 4.0 | 19.9 |
| 74076-0006 | >4.0 - 9.0 | 19.9 |

| MATE WITH | | DIM C |
|---|---|---|
| HSD 6 | GUIDE MODULE | 10.09 |
| | GROUND MODULE | 9.39 |
| | JOINER MODUEL | 9.39 |
| HSD 8 | GUIDE MODULE | 11.75 |
| | GROUND MODULE | 11.75 |
| | JOINER MODULE | 11.75 |

NOTES:
1. PARTS TO BE BULK PACKED, 500 PER BAG.
2. SCREWS & GUIDE PINS PACKAGED SEPARATELY.

ADD PARTS
EC NO: UCP2009-0672 2008/09/18
DRWN: JBINGHAM 2008/09/19
CH'KD:
APPR: JLAURX 2008/09/19
DESCRIPTION
B
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± 0.10 | ± --- |
| 1 PLACE | ± 0.15 | ± --- |
| ANGULAR ±---° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 3:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

| | | DATE |
|---|---|---|
| DRAWN BY | JBINGHAM | 2007/03/28 |
| CHECKED BY | SREED | 2007/03/28 |
| APPROVED BY | SREED | 2007/03/28 |

TITLE: HSD BACKPLANE FREE STANDING GUIDE PIN SALES DRAWING

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-74076-005
SHEET NO.: 1 OF 1
SIZE: B

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