

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

**Part Number:** [0749598906](#)  
**Status:** **Active**  
**Overview:** vhdm\_hsd  
**Description:** 2.00mm (.079") Pitch 5-Row VHDM-HSD™ Backplane Header, Polarizing Pin Module, Code Key F, 40 Circuits

**Documents:**

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

**General**

Product Family	Backplane Connectors
Series	<a href="#">74959</a>
Application	Backplane
Application Tooling Documents	<a href="http://www.molex.com/pdm_docs/ats/TM-622010999.pdf">Tooling Manual</a>
Comments	Position F, PCB Thickness 4.00mm (.157") to 9.00mm (.354")
Component Type	PCB Header
Overview	<a href="#">vhdm_hsd</a>
Product Name	VHDM-HSD™
Style	N/A

**Physical**

Circuits (Loaded)	N/A
Circuits (maximum)	0
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	8
Number of Pairs	Open Pin Field
Number of Rows	0
Orientation	Vertical
PC Tail Length (in)	0.000 In
PC Tail Length (mm)	0.00 mm
PCB Retention	None
PCB Thickness Recommended (in)	0.000 In
PCB Thickness Recommended (mm)	0.00 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.000 In
Pitch - Mating Interface (mm)	0.00 mm
Pitch - Term. Interface (in)	0.000 In
Pitch - Term. Interface (mm)	0.00 mm
Polarized to PCB	N/A
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	N/A

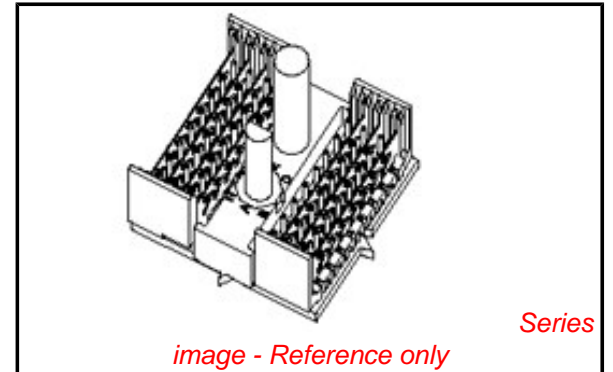
**Electrical**

Current - Maximum per Contact	N/A
Data Rate	5.0 Gbps
Voltage - Maximum	N/A

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	SD-74959-002
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**EU RoHS** **China RoHS**

**Compliance Status**

**Not Reviewed**

**REACH SVHC**

**Contains SVHC: No**

**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**









[74959Series](#)

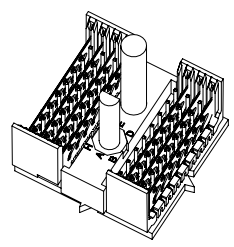
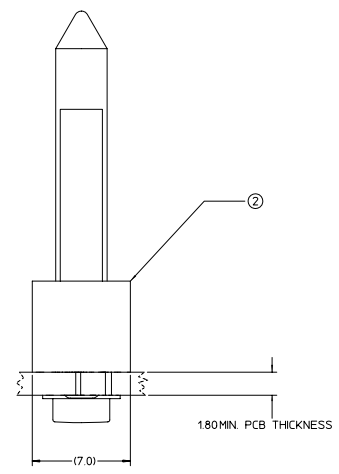
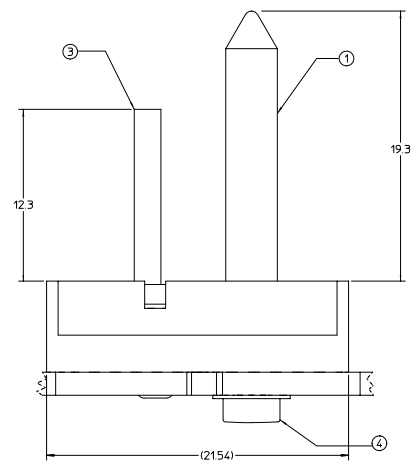
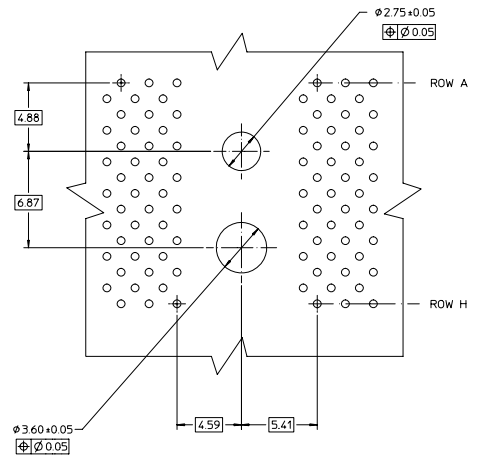
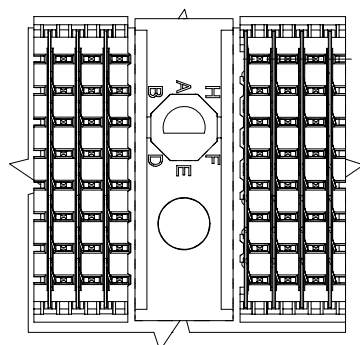
| VHDM-HSD is a trademark of Amphenol Corporation

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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 PCB THICKNESS > 4.0 - 9.0	MATERIAL NUMBER PCB THICKNESS 18 - 4.0	BUSHING CLOCK POSITION
74959-8901	74959-8001	A 
74959-8902	74959-8002	B 
74959-8903	74959-8003	C 
74959-8904	74959-8004	D 
74959-8905	74959-8005	E 
74959-8906	74959-8006	F 
74959-8907	74959-8007	G 
74959-8908	74959-8008	H 



BILL OF MATERIAL 74959-8\*\*\*

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 74959-89\*\*

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: LIQUID CRYSTAL POLYMER (LCP).  
COLOR : BLACK
  - 2 THIS PART CONFORMS TO MOLEX SPECIFICATION  
PS-74031-999
  - 3 PACKAGING : STANDARD BULK PACK, 100 PER BAG  
PACKAGE SCREW SEPARATELY.

EC NO. LDT2002-0414 DRWN: LMOSELY 2002/03/05 CHKD: MOWANG 2002/03/05 APPR: CBIXLER 2002/03/06	QUALITY SYMBOLS 0 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 6:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± ---	DIMENSION STYLE MM ONLY	DRAWN BY NMARTIN DATE 01/12/10	TITLE BACKPLANE GUIDANCE AND POLARIZING MODULE 8 ROW SALES DRAWING			
		ANGULAR ± 2 °	CHECKED BY JLAURX DATE 01/12/10	MOLEX MOLEX INCORPORATED				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY CBIXLER DATE 01/12/10	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-74959-002	SHEET NO. 1 OF 1	D	

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

1b\_frame\_D rev B 2000/06/12 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1