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Part Number: [0749934000](#)
Status: **Active**
Overview: [hdm](#)
Description: 2.00mm (.079") Pitch HDM® Board-to-Board Stacking Header, High Rise Vertical, SMC, Double End Wall Option, Solder Tail, 72 Circuits

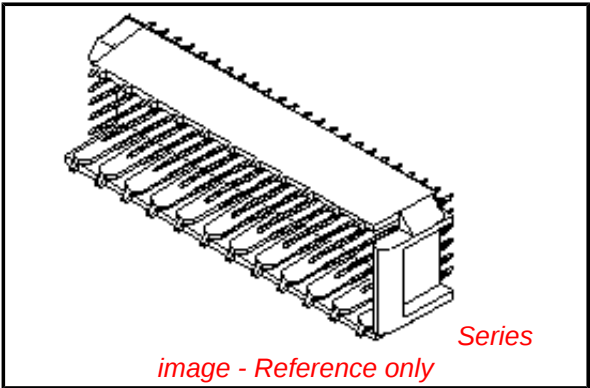
Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-73780-999 \(PDF\)](#)

General

Product Family	Backplane Connectors
Series	74993
Application	Backplane, Mezzanine
Component Type	PCB Header
Overview	hdm
Product Name	HDM®
Style	N/A

Physical

Circuits (Loaded)	72
Circuits (maximum)	72
Color - Resin	Black
Durability (mating cycles max)	250
First Mate / Last Break	No
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
Number of Columns	12
Number of Pairs	Open Pin Field
Number of Rows	6
Orientation	Vertical
PC Tail Length (in)	0.138 In
PC Tail Length (mm)	3.50 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.098 In
PCB Thickness Recommended (mm)	2.50 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Pitch - Term. Interface (in)	0.079 In
Pitch - Term. Interface (mm)	2.00 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.75
Plating min: Termination (µin)	15
Plating min: Termination (µm)	0.375
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin



EU RoHS
RoHS Compliant by Exemption
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

China RoHS

Pb

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
[74993Series](#)

Electrical

Current - Maximum per Contact	1A
Data Rate	1.0 Gbps
Real Signals (per 25mm)	75
Shielded	No
Voltage - Maximum	250V AC

Material Info

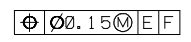
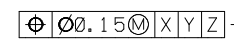
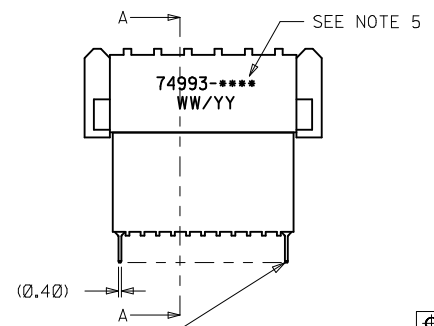
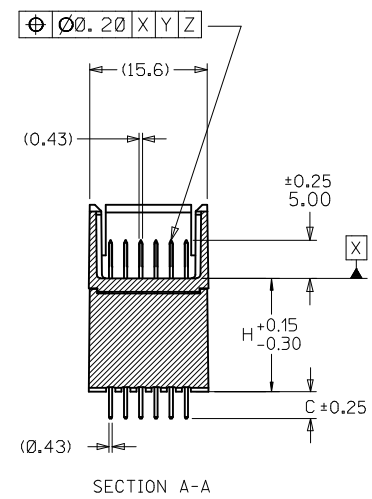
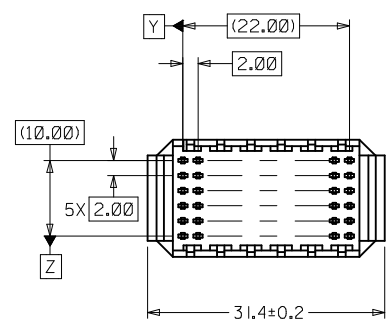
Reference - Drawing Numbers

Application Specification	AS-73642-9998
Packaging Specification	PK-70873-0875
Product Specification	PS-73780-999
Sales Drawing	SD-74993-001

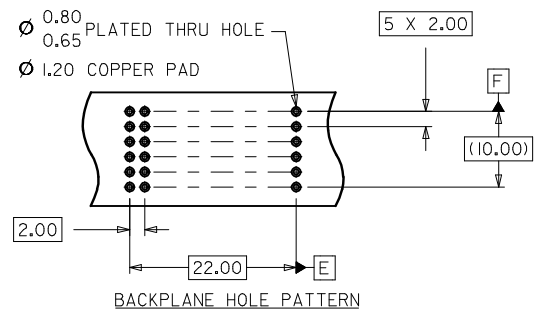
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This document was generated on 05/17/2010

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Ø 0.838 DRILL
Ø 0.80 PLATED THRU HOLE
Ø 0.65
Ø 1.20 COPPER PAD



- Notes:
1. MATERIALS: HOUSING-LIQUID CRYSTAL POLYMER (LCP), GLASS FILLED, UL94V-0, COLOR: BLACK
TERMINAL-PHOSPHOR BRONZE.
 2. FINISH:
PRESS FIT OPTION: SELECTIVE GOLD (Au) IN CONTACT AREA, 0.00076mm THICKNESS, SELECTIVE TIN/LEAD (Sn/Pb) ON PCB TAILS, NICKEL (Ni) OVERALL.
SOLDER TAIL OPTION: SELECTIVE GOLD (Au) IN CONTACT AREA, 0.00076mm THICKNESS, SELECTIVE TIN ON PCB TAILS, NICKEL (Ni) OVERALL.
 3. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-73780-999.
 4. PACKAGE PER PK-70873-0870, PK-70873-0871, OR PK-70873-0875.
 5. PARTS MARKED WITH PART NUMBER AND DATE CODE ON EITHER SIDE APPROXIMATELY WHERE SHOWN.
 6. THIS PART CONFORMS TO MOLEX COSMETIC SPECIFICATION PS-45499-002 CLASS C.

REVISE H DIM TOL EC NO: UCP2008-3186 DRWN:SDANIELLEY 2008/07/29 CHKD:MIBARRA 2008/09/11 APPR:SMILLER 2008/09/16 D	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
						DRAWN BY JB INGHAM		DATE 2001/10/08	TITLE SALES ASSEMBLY HDM BACKPLANE STACKING MODULE DOUBLE END WALL		
						CHECKED BY SREED		DATE 2001/10/08			
						APPROVED BY CB IXLER		DATE 2001/10/08			 MOLEX INCORPORATED
						MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-74993-001	SHEET NO. 1 OF 2		
						SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

MATERIAL NUMBER ASSIGNMENT

74993-* * 0 0

NUMBER	CIRCUIT SIZE	DIM "C"	TAIL STYLE
0	72	2.0	SOLDER
1	72	2.5	SOLDER
2	72	3.0	SOLDER
3	72	3.5	SOLDER
4	72	3.5	PRESSFIT

NUMBER	DIM "H"
0	6.05
1	10.05
2	15.05

REVISE H DIM TOL EC NO: UCP2008-3186 DRWN:SDANIELLEY 2008/07/29 CHKD:MIBARRA 2008/09/11 APPR:SMILLER 2008/09/16	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm		INCH		DRAWN BY JB INGHAM		DATE 2001/10/08		
		4 PLACES ± ---		± ---		CHECKED BY		DATE		
		3 PLACES ± ---		± ---		SREED		2001/10/08		
		2 PLACES ± 0.05		± ---		APPROVED BY		DATE		
1 PLACE ± 0.10		± ---		CB IXLER		2001/10/08		MATERIAL NO.		
ANGULAR ± 1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		DOCUMENT NO. SD-74993-001		SHEET NO. 2 OF 2		
SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

MATERIAL NUMBER ASSIGNMENT

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NUMBER	CIRCUIT SIZE	DIM "C"	TAIL STYLE
0	72	2.0	SOLDER
1	72	2.5	SOLDER
2	72	3.0	SOLDER
3	72	3.5	SOLDER
4	72	3.5	PRESSFIT

NUMBER	DIM "H"
0	6.05
1	10.05
2	15.05

SEE SHEET 1 EC NO. UCP2003-0313 DRWN: REED 02/08/20 CHK: BINGHAM 02/08/20 APPR: BIXLER 02/08/20 B	DESCRIPTION REV	QUALITY SYMBOLS MAJOR CRITICAL	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE NO: NE	DESIGN UNITS ☒ mm ☐ INCH	THIRD ANGLE PROJECTION	DIMENSIONS: ☐ mm ☐ INCH ☒ mm ONLY		SHT	REV		
				mm	INCH	DRAWN BY & DATE JBINGHAM 01/10/08		TITLE: SALES ASSEMBLY		MATERIAL NO. S74993X2.DGN	DRAWING NO. SD-74993-001	SHEET NO. 2	
			4 PLACES	±0.	±.	CHECKED BY & DATE SREED 01/10/08		HDM BACKPLANE STACKING MODULE					
			3 PLACES	±0.	±.	APPROVED BY & DATE CBIXLER 01/10/08		DOUBLE END WALL OPTION					
			2 PLACES	±0. N/A	±.	CAD FILENAME		MOLEX INCORPORATED					
			1 PLACE	±0. N/A	±.	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.					
			ANGULAR: ±		°								

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

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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

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moschip.ru_9