

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

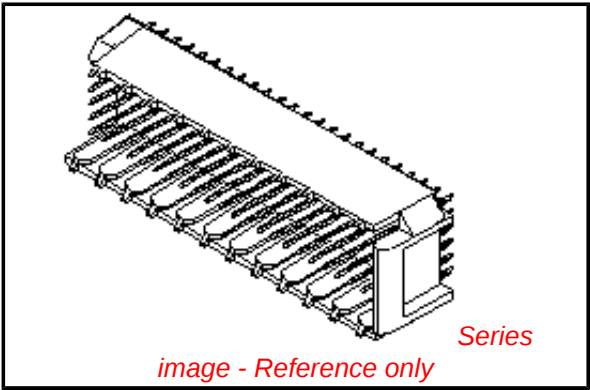
Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-73780-999 \(PDF\)](#)

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

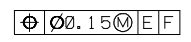
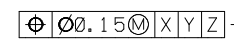
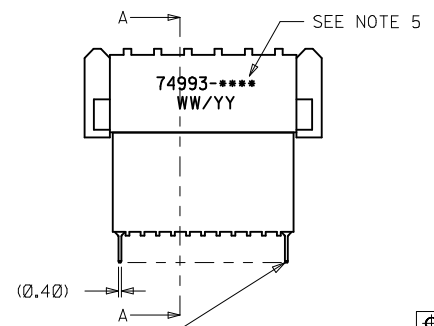
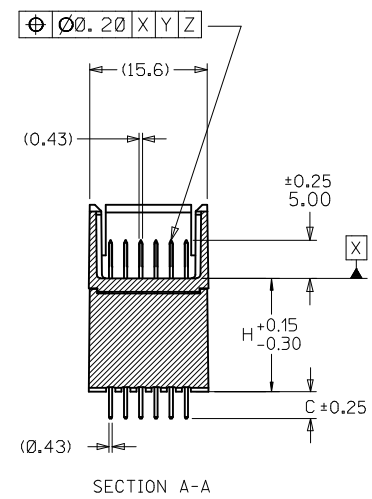
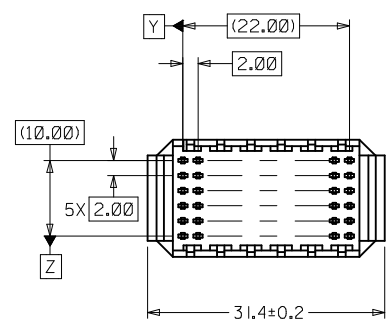
Reference - Drawing Numbers

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

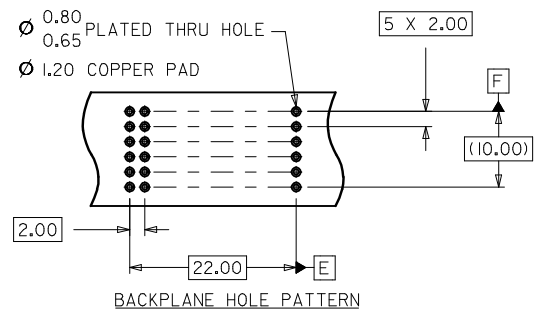
HDM and High Density Metric are trademarks of Amphenol Corporation

This document was generated on 05/17/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



- 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	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY JB INGHAM	DATE 2001/10/08	TITLE SALES ASSEMBLY HDM BACKPLANE STACKING MODULE DOUBLE END WALL		
			4 PLACES	± ---	± ---	CHECKED BY SREED	DATE 2001/10/08			
			3 PLACES	± ---	± ---	APPROVED BY CB IXLER	DATE 2001/10/08			
			2 PLACES	± 0.05	± ---	MOLEX INCORPORATED				
D	REV		1 PLACE	± 0.10	± ---	DOCUMENT NO. SD-74993-001		SHEET NO. 1 OF 2		
			ANGULAR ±1/2°							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE TABLE				
			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	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°				SEE TABLE		DOCUMENT NO.		SD-74993-001	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 2 OF 2	

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

SEE SHEET 1 EC NO. UCP2003-0313 DRWN: REED 02/08/20 CHK: BINGHAM 02/08/20 APPR: BIXLER 02/08/20 B	DESCRIPTION MAJOR CRITICAL REV	QUALITY SYMBOLS		GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE NO: NE	DESIGN UNITS ☒ mm ☐ INCH	THIRD ANGLE PROJECTION	DIMENSIONS: ☐ mm ☐ INCH ☒ mm ONLY		SHT	REV	
		=0		mm	INCH	DRAWN BY & DATE JBINGHAM 01/10/08			TITLE: SALES ASSEMBLY		MATERIAL NO. S74993X2.DGN	DRAWING NO. SD-74993-001	SHEET NO. 2
		=0		4 PLACES ±0.	±.	CHECKED BY & DATE SREED 01/10/08			HDM BACKPLANE STACKING MODULE				
		=0		3 PLACES ±0.	±.	APPROVED BY & DATE CBIXLER 01/10/08			DOUBLE END WALL OPTION				
		=0		2 PLACES ±0. N/A	±.	CAD FILENAME S74993X2.DGN			MOLEX INCORPORATED				
=0		1 PLACE ±0. N/A	±.	ANGULAR: ± °		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.		SIZE B			

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru

www.lifeelectronics.ru