

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0749920000

Status:

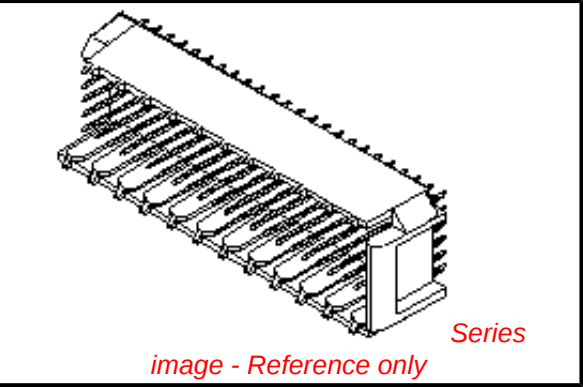
Active

Overview:

[hdm](#)

Description:

2.00mm (.079") Pitch HDM® Board-to-Board Backplane Header, Vertical, Pressfit Tail, Double End, 72 Circuits



Documents:

[Drawing \(PDF\)](#)

[Product Specification PS-73670-9999 \(PDF\)](#)

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

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	Gold
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)	0.062 In, 0.188 In
PCB Thickness Recommended (mm)	1.60 mm, 4.80 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)	2
Plating min: Termination (µm)	0.05
Polarized to PCB	No
Stackable	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

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
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](#)

Application Tooling FAQ	
<i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i>	
Global	
Description	Product #
HDM® Backplane	0621001400
Insertion Signal	
Contact Tool	
Extraction Tool	0621001000

Electrical

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

Material Info

Reference - Drawing Numbers

Application Specification	AS-73642-9998
Packaging Specification	PK-70873-0818
Product Specification	PS-73670-9999
Sales Drawing	SD-74992-001

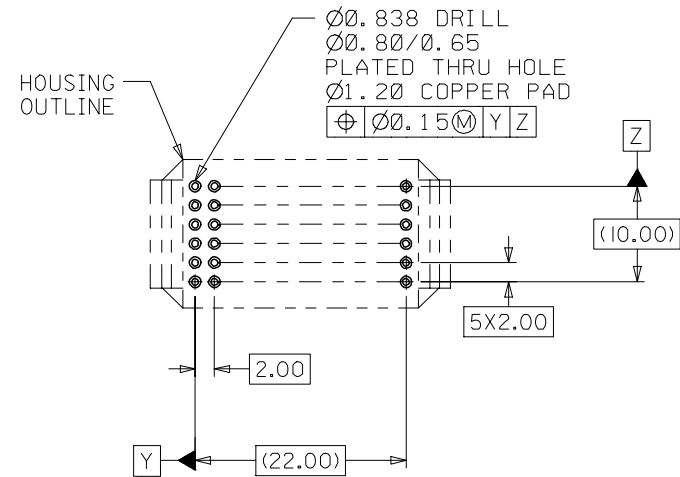
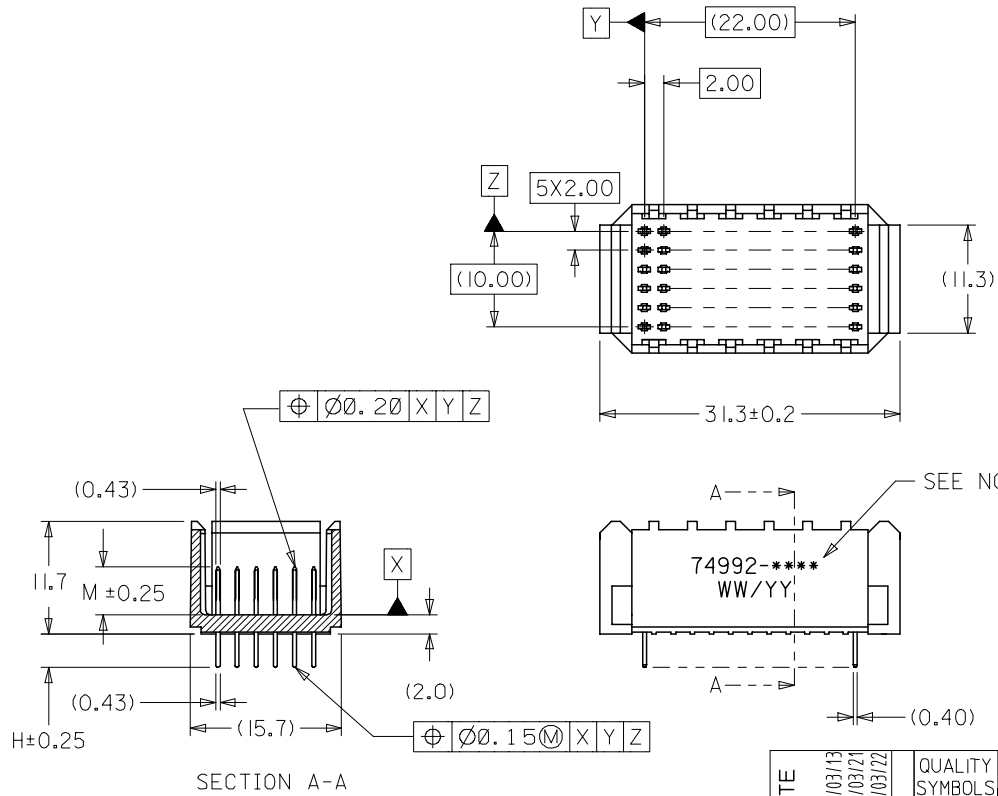
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This document was generated on 05/17/2010

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NOTES:

1. MATERIALS: HOUSING--LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0, COLOR: BLACK,
TERMINAL: PHOSPHOR BRONZE.
2. FINISH: SEE SHEET 2.
3. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATIONS PS-73670-9999 AND PS-73780-999.
4. PACKAGE PER PK-70873-0818 OR PK-70873-0868.
5. PARTS MARKED WITH PART NUMBER AND DATE CODE, ON EITHER SIDE, APPROXIMATELY WHERE SHOWN.



2	C
1	C
SHT	REV

MODIFY FINISH NOTE EC NO: UCP2007-2259 DRWN:MSI BARRA 2007/03/13 CHKD:BBARKER 2007/03/21 APPR:SMILLER 2007/03/22	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	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 ASSY HDM BACKPLANE DOUBLE END WALL OPTION 72 POSITION					
			4 PLACES	± ---	± ---	CHECKED BY SREED						DATE 2001/10/08
			3 PLACES	± ---	± ---	APPROVED BY CBIXLER						DATE 2001/10/08
			2 PLACES	± 0.05	± ---	MOLEX MOLEX INCORPORATED		SHEET NO. 1 OF 1				
			1 PLACE	± 0.10	± ---							
			ANGULAR ±1/2°		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-74992-001					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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74992

FINISH:

GOLD FLASH:

0.75 MICROMETERS MINIMUM SELECTIVE GOLD (Au) IN MATING AREA

0.05 MICROMETERS MINIMUM GOLD FLASH OVERALL

NICKEL (Ni) UNDERPLATE OVERALL.

TIN:

0.75 MICROMETERS MINIMUM SELECTIVE GOLD (Au) IN MATING AREA

2.50 MICROMETERS MINIMUM SELECTIVE TIN (Sn) IN TAIL AREA

NICKEL (Ni) UNDERPLATE OVERALL.

TIN/LEAD:

0.75 MICROMETERS MINIMUM SELECTIVE GOLD (Au) IN MATING AREA

0.38 MICROMETERS MINIMUM SELECTIVE TIN/LEAD (Sn/Pb) IN TAIL AREA

NICKEL (Ni) UNDERPLATE OVERALL.

MATERIAL NUMBER ASSIGNMENT

CONSULT FACTORY FOR AVAILABLE COMBINATIONS

74992-* * * *

NUMBER	TAIL STYLE
0	PRESSFIT
1	SOLDER
2	SINGLE-END MIDPLANE
3	DOUBLE-END MIDPLANE

NUMBER	DIM "H"
0	3.5
1	3.0
2	2.5
3	2.0
4	7.0
5	11.5

NUMBER	DIM "M"
0	5.0
1	5.5
2	6.0

NUMBER	TAIL PLATING
0	GOLD FLASH
1 SOLDERTAIL	TIN
1 PRESSFIT	TIN/LEAD

MODIFY FINISH EC NO: UCP2007-2259 DRWN:MSJ.BARRA 2007/03/13 CHKD:BBARKER 2007/03/21 APPR:SMILLER 2007/03/22	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
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			3 PLACES	± --- ± ---	APPROVED BY CBIXLER	DATE 2001/10/08			
			2 PLACES	± --- ± ---	MOLEX MOLEX INCORPORATED				
1 PLACE	± --- ± ---	ANGULAR ±1/2°		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-74992-001		SHEET NO. 2 OF 2	
C	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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**Стандарт
Электрон
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

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Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

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С нами вы становитесь еще успешнее!

Наши контакты:

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