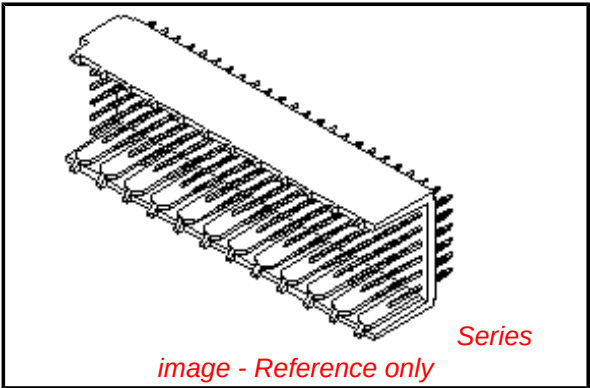


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Part Number: 0736422209
Status: Active
Overview: hdm
Description: 2.00mm (.079") Pitch HDM® Board-to-Board Backplane Header, Vertical, Press-Fit, Open End, 72 Circuits, Lead Free

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-73670-9999 \(PDF\)](#)

General	
Product Family	Backplane Connectors
Series	73642
Application	Backplane
Comments	Standard Press-Fit
Component Type	PCB Header
Overview	hdm
Product Name	HDM®
Style	N/A
Physical	
Circuits (Loaded)	72
Circuits (maximum)	72
Color - Resin	Black, Natural
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
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	Yes
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	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin



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
73642Series

Mates With
73632 HDM PLUS® Board-to-Board Daughtercard Receptacle. 73780 HDM® Board-to-Board Daughtercard Receptacle

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

Product Specification	PS-73670-9999
Sales Drawing	SD-73642-003

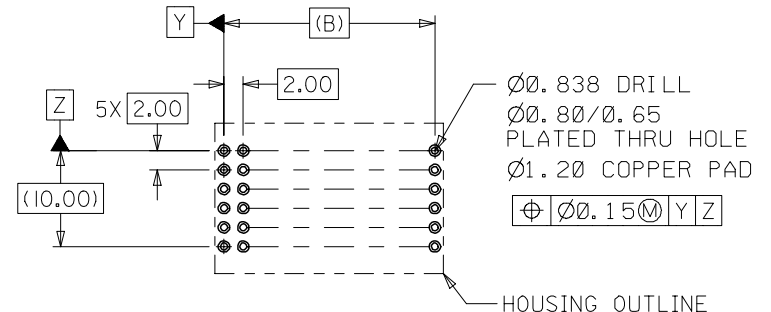
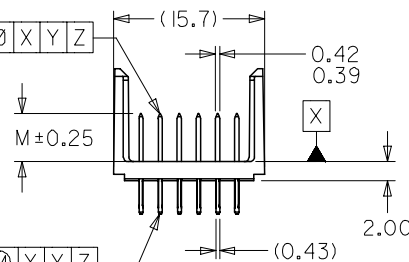
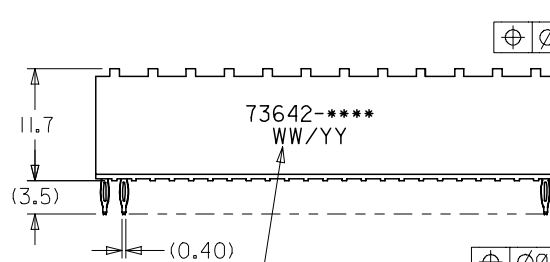
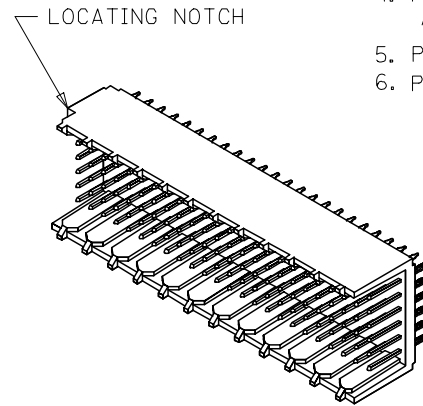
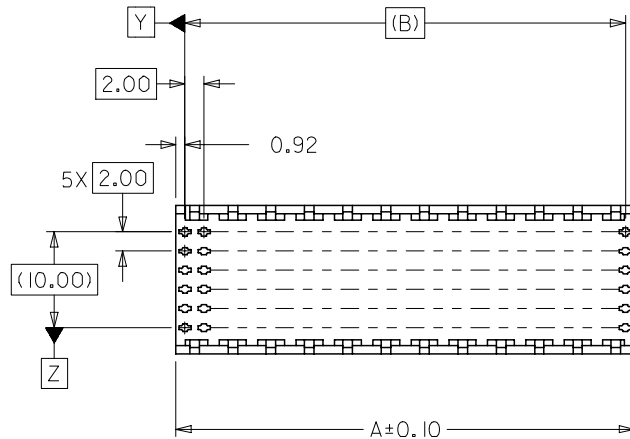
HDM and High Density Metric are trademarks of Amphenol Corporation

This document was generated on 05/14/2010

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NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0, COLOR: BLACK,
TERMINAL - PHOSPHOR BRONZE.
2. FINISHES: SELECTIVE GOLD (Au) IN CONTACT AREA,
SELECTIVE TIN (Sn) IN TAIL AREA;
NICKEL (Ni) OVERALL.
3. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-73670-9999.
4. FOR MIXED CONTACT MATING LENGTHS, CONSULT FACTORY FOR AVAILABILITY.
5. PACKAGE PER PK-70873-0818.
6. PARTS MARKED WITH PART NUMBER AND DATE CODE, ON EITHER SIDE, APPROXIMATELY WHERE SHOWN.



PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: 2.50 MIN.

INITIAL RELEASE EC NO: UCP2006-1564 DRWN: JONIAK 2006/01/31 CHKD: JBINGHAM 2006/01/31 APPR: CBI XLER 2006/02/02	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION															
		 =0  =0	<table><tr><th>mm</th><th>INCH</th></tr><tr><td>4 PLACES ± ---</td><td>± ---</td></tr><tr><td>3 PLACES ± ---</td><td>± ---</td></tr><tr><td>2 PLACES ± ---</td><td>± ---</td></tr><tr><td>1 PLACE ± ---</td><td>± ---</td></tr></table>	mm	INCH	4 PLACES ± ---	± ---	3 PLACES ± ---	± ---	2 PLACES ± ---	± ---	1 PLACE ± ---	± ---	<table><tr><td>DRAWN BY J JONIAK</td><td>DATE 2005/11/01</td></tr><tr><td>CHECKED BY JBINGHAM</td><td>DATE 2005/11/01</td></tr><tr><td>APPROVED BY JBINGHAM</td><td>DATE 2005/11/01</td></tr></table>	DRAWN BY J JONIAK	DATE 2005/11/01	CHECKED BY JBINGHAM	DATE 2005/11/01	APPROVED BY JBINGHAM	DATE 2005/11/01	SALES ASSEMBLY LEADFREE HDM BACKPLANE MODULE OPEN END OPTION			
			mm	INCH																				
			4 PLACES ± ---	± ---																				
			3 PLACES ± ---	± ---																				
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CHECKED BY JBINGHAM	DATE 2005/11/01																							
APPROVED BY JBINGHAM	DATE 2005/11/01																							
ANGULAR ±1/2°																								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE PAGE 2		DOCUMENT NO. SD-73642-003		SHEET NO. 1 OF 2																		
A	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																						

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F
E
D
C
B
A

MATERIAL NUMBER	NUMBER OF SIGNAL CONTACTS	PLATING	DIM "A"	DIM "B"	DIM "M"
73642-2009	72	SELECTIVE GOLD/SELECTIVE TIN	23.84	22.00	5.00
73642-2109	72	SELECTIVE GOLD/SELECTIVE TIN	23.84	22.00	5.50
73642-2209	72	SELECTIVE GOLD/SELECTIVE TIN	23.84	22.00	6.00
73642-3009	144	SELECTIVE GOLD/SELECTIVE TIN	47.84	46.00	5.00
73642-3109	144	SELECTIVE GOLD/SELECTIVE TIN	47.84	46.00	5.50
73642-3209	144	SELECTIVE GOLD/SELECTIVE TIN	47.84	46.00	6.00

INITIAL RELEASE
EC NO: UCP2006-1564
DRAWN: JJONIAK 2006/01/31
CHKD: JBINGHAM 2006/01/31
APPR: CBI XLER 2006/02/02

DESCRIPTION
A

REV

QUALITY SYMBOLS
=0
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mmINCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± --- ± ---
1 PLACE ± --- ± ---
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY
JJONIAK
CHECKED BY
JBINGHAM
APPROVED BY
JBINGHAM
MATERIAL NO.
SEE CHART

DATE
2005/11/01
DATE
2005/11/01
DATE
2005/11/01
DATE
2005/11/01

SCALE

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

TITLE
SALES ASSEMBLY LEADFREE
HDM BACKPLANE MODULE
OPEN END OPTION
MOLEX INCORPORATED

DOCUMENT NO.
SD-73642-003

SHEET NO.
2 OF 2

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Rev. D 2004/04/02

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

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- 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.

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- 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.



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