

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0736510233](#)
Status: **Active**
Overview: [hdm](#)
Description: 2.00mm (.079") Pitch HDM® Board-to-Board Daughterboard Power Module, Right Angle, SMC, 3-Blade Module, 3 Circuits

Documents:

3D Model	Packaging Specification (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Backplane Connectors
Series	73651
Application	Daughtercard
Component Type	Power Receptacle
Overview	hdm
Product Name	HDM®
Style	N/A

Physical

Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Black
Durability (mating cycles max)	250
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Columns	1
Number of Pairs	Open Pin Field
Number of Rows	3
Orientation	Right Angle
PC Tail Length (in)	0.079 In
PC Tail Length (mm)	2.00 mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.157 In
Pitch - Mating Interface (mm)	4.00 mm
Pitch - Term. Interface (in)	0.118 In
Pitch - Term. Interface (mm)	3.00 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.75
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.5
Polarized to PCB	No

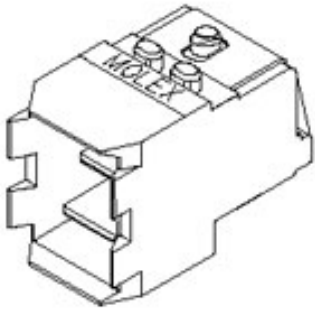


image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Halogen-Free
Status

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

[73651Series](#)

Mates With

[73656](#) HDM® Board-to-Board Backplane
Power Module

Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	15A
Data Rate	1.0 Gbps
Real Signals (per 25mm)	19
Shielded	No
Voltage - Maximum	500V

Material Info

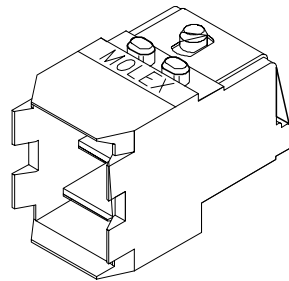
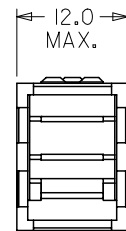
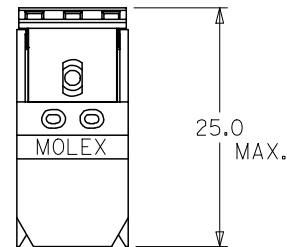
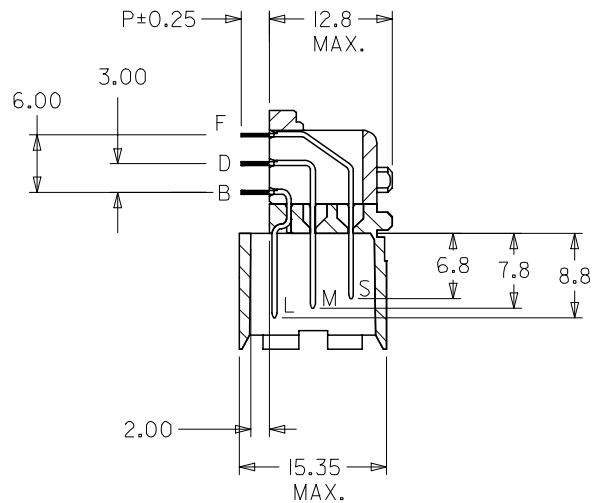
Reference - Drawing Numbers

Packaging Specification	PK-70873-0820
Sales Drawing	SDA-73651-****

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This document was generated on 05/14/2010

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NOTES:

1. MATERIALS:

HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL 94V-0,
COLOR BLACK

TERMINAL - COPPER ALLOY

2. FINISH:

ASSEMBLIES WITH PRESSFIT TAILS:

0.76 MINIMUM SELECTIVE GOLD (Au) IN CONTACT AREA,

SELECTIVE TIN/LEAD (Sn/Pb) ON PC TAILS

OVER NICKEL (Ni) UNDERPLATE OVERALL.

ASSEMBLIES WITH SOLDER TAILS:

0.76 MINIMUM SELECTIVE GOLD (Au) IN CONTACT AREA,

SELECTIVE TIN (Sn) ON PC TAILS

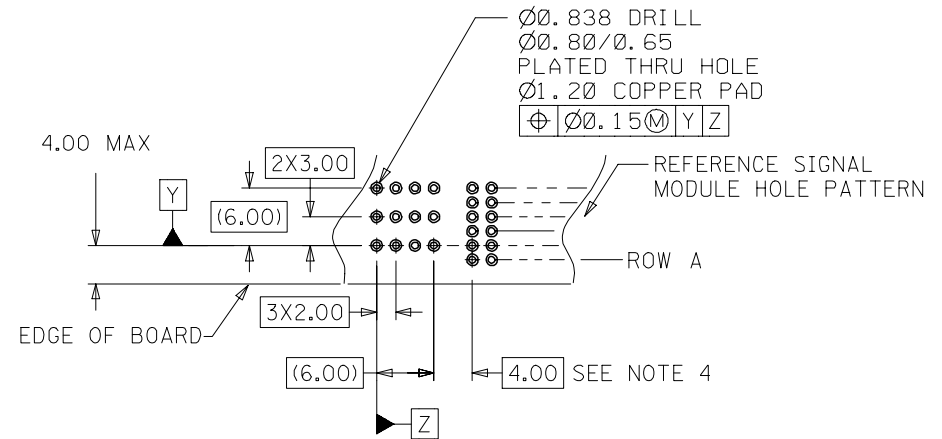
OVER NICKEL (Ni) UNDERPLATE OVERALL.

3. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-73670-9999.

4. THIS DIMENSION MUST BE A MULTIPLE OF 4.00mm.

5. DIMENSIONS ARE IN MILLIMETERS AND ARE FOR LAYOUT PURPOSES ONLY.

6. DIMENSIONS AND TOLERANCES SUBJECT TO CHANGE WITHOUT NOTICE.



PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: 1.60 MIN
(FOR SOLDER TAIL AND PRESS FIT)

MODIFY FINISH EC NO: UCP2007-1348 DRWMSI BARRA 2006/12/29 CHKD:BBARKER 2007/01/04 APPR:SMILLER 2007/01/05 REV 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	DATE	TITLE SALES ASSEMBLY HDM DAUGHTERCARD POWER MODULE		
		4 PLACES	± ---	± ---	JRP	1997/07/22			
		3 PLACES	± ---	± ---	CHECKED BY	DATE	MOLEX INCORPORATED		
		2 PLACES	± 0.10	± ---	PAR	1996/07/22			
		1 PLACE	± 0.25	± ---	APPROVED BY	DATE			
		ANGULAR ±1/2°		CAB	1996/07/22	MATERIAL NO.	DOCUMENT NO.		SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2		SDA-73651-****			1 OF 2
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

MATERIAL NUMBER ASSIGNMENT

TAIL TYPE
0 = SOLDER
I = PRESS FIT

73651- * * * *

PC TAIL LENGTH

CODE	DIM "P"
0	= 2.00
1	= 2.50
2	= 3.00
3	= 3.50
4	= 4.00
5	= 2.75

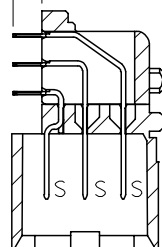
PRESSFIT TAILS
AVAILABLE IN
THESE LENGTHS
ONLY

MATING LENGTH

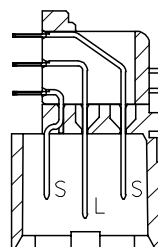
10 = SSS	20 = MSS	30 = LSS
11 = SSM	21 = MSM	31 = LSM
12 = SSL	22 = MS�	32 = LSL
13 = SMS	23 = MMS	33 = LMS
14 = SMM	24 = MMM	34 = LMM
15 = SML	25 = MML	35 = LML
16 = SLS	26 = MLS	36 = LLS
17 = SLM	27 = MLM	37 = LLM
18 = SLL	28 = MLL	38 = LLL

DIM. "P" ±0.25

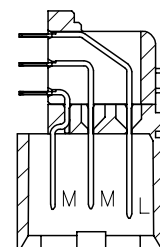
MATING LENGTH EXAMPLES



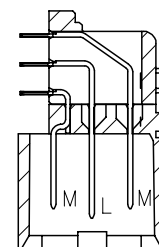
73651-XX10
TYPE SSS



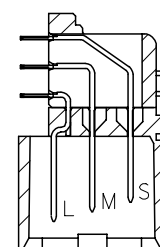
73651-XX16
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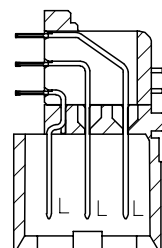
73651-XX25
TYPE MML



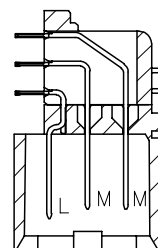
73651-XX27
TYPE MLM



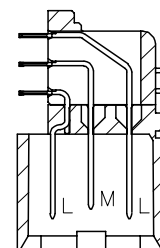
73651-XX33
TYPE LMS



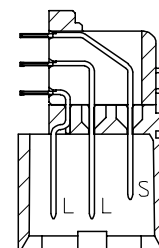
73651-XX38
TYPE LLL



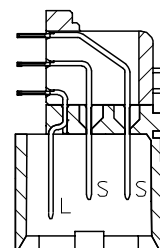
73651-XX34
TYPE LMM



73651-XX35
TYPE LML



73651-XX36
TYPE LLS



73651-XX30
TYPE LSS

UPDATE BORDER EC NO: UCP2007-1348 TIDRW:MSI BARRA 2006/12/29 CHKD:BBARKER 2007/01/04 APPR:SMILLER 2007/01/05	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				DRAWN BY JRP		DATE 1997/07/22		SALES ASSEMBLY HDM DAUGHTERCARD POWER MODULE MOLEX INCORPORATED	
				CHECKED BY PAR		DATE 1996/07/22			
				APPROVED BY CAB		DATE 1996/07/22			
		MATERIAL NO. SEE CHART		DOCUMENT NO. SDA-73651-****		SHEET NO. 2 OF 2			
		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					

TAIL TYPE	
0	= SOLDER
1	= PRESS FIT

PC TAIL LENGTH

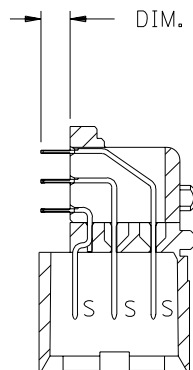
CODE	DIM	"P"
0	=	2.00
1	=	2.50
2	=	3.00
3	=	3.50
4	=	4.00
5	=	2.75

PRESSFIT TAILS
AVAILABLE IN
THESE LENGTHS
ONLY

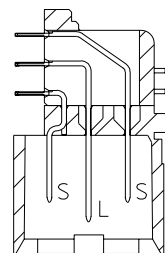
MATING LENGTH

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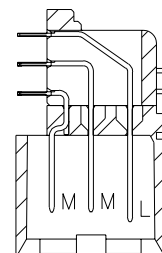
DIM. "P" ± 0.25



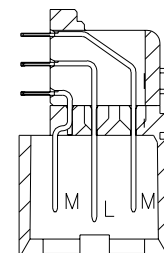
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TYPE SSS



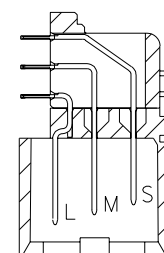
7365 I-XX16
TYPE SLS



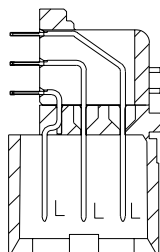
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TYPE MML



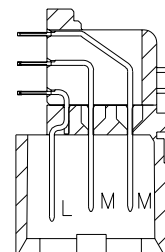
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TYPE MLM



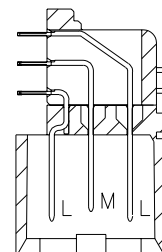
73651-XX33
TYPE I MS



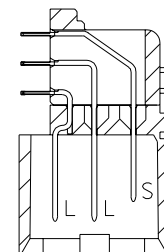
7365 I-XX38
TYPE LLL



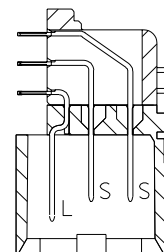
7365 I-XX34
TYPE LMM



7365 I-XX35
TYPE LML



7365 I-XX36
TYPE LLS



7365 I-XX30
TYPE LSS

DIMENSIONS SHOWN (METRIC) INCH

UNLESS OTHERWISE SPECIFIED
TOLERANCES: ANGULAR $\pm 1/2^\circ$

	INCH	METRIC
3 PLACE	± N/A	---
2 PLACE	± N/A	± ---
1 PLACE	---	± ---

DRAFT WHERE APPLICABLE MUST
REMAIN WITHIN DIMENSIONS

DRWG. BY	JRR	CHK'D. BY	SMR
APP'D. BY	CAB	SCALE	2 : 1

	=	0		=	0
---	---	---	---	---	---

REVISE ONLY ON CAD SYSTEM

TITLE	SALES ASSY, HDM DAUGHTER CARD POWER MODULE
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MOLEX INCORPORATED
LISLE, ILL. 60532 U.S.A.

SHEET NO.	DATE
2	96/07/22

PART NO. SEE CHART

WG. NO.
SDA-7365|-****

FILE NAME S73651X2 DCN	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	DIV. DA	SIZE B
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		E	SEE SHEET I
		D	SEE SHEET I
		C	SEE SHEET I
		B	SEE SHEET I
		A	SEE SHEET I
L.T.R.	REVISIONS	L.T.R.	REVISIONS



**Стандарт
Электрон
Связь**

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

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

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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.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

Наши контакты:

Телефон: +7 812 627 14 35

Электронная почта: sales@st-electron.ru

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Промышленная ул, дом № 19, литера Н,
помещение 100-Н Офис 331