

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0736510333](#)
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

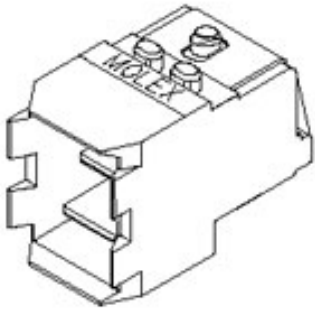
CSA	LR19980
UL	E29179

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



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Not Reviewed**
**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

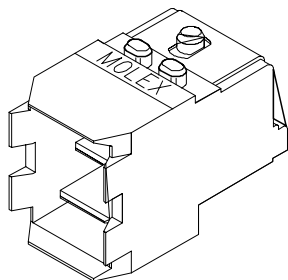
Reference - Drawing Numbers

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

HDM and High Density Metric are trademarks of Amphenol Corporation

This document was generated on 05/14/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



-
- 4.00 MAX
 Y
 (6.00)
 2X3.00
 Ø0.838 DRILL
 Ø0.80/Ø.65
 PLATED THRU HOLE
 Ø1.20 COPPER PAD
 Ø0.15 Y Z
 REFERENCE SIGNAL
 MODULE HOLE PATTERN
 ROW A
 3X2.00
 (6.00)
 4.00 SEE NOTE 4
 Z
 EDGE OF BOARD
 PCB LAYOUT: COMPONENT SIDE
 RECOMMENDED PCB THICKNESS: 1.60 MIN
 (FOR SOLDER TAIL AND PRESS FIT)

lb_frame_B_P_AM_T
Rev. F 2006/04/15

MATERIAL NUMBER ASSIGNMENT

TAIL TYPE
0 = SOLDER
1 = 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

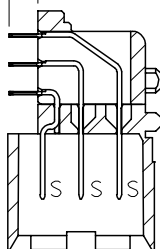
PRESSFIT TAILS
AVAILABLE IN
THESE LENGTHS
ONLY

MATING LENGTH

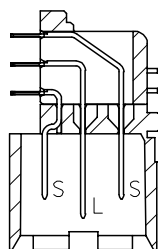
10 = SSS	20 = MSS	30 = LSS
11 = SSM	21 = MSM	31 = LSM
12 = SSL	22 = MSL	32 = LSL
13 = SMS	23 = MMS	33 = LMS
14 = SMM	24 = MMM	34 = LMM
15 = SML	25 = MML	35 = LML
16 = SLS	26 = MLS	36 = LLS
17 = SLM	27 = MLM	37 = LLM
18 = SLL	28 = MLL	38 = LLL

DIM. "P" ±0.25

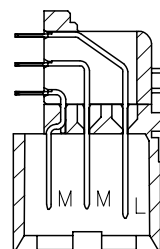
MATING LENGTH EXAMPLES



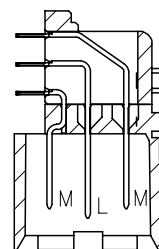
73651-XX10
TYPE SSS



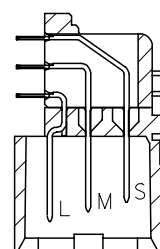
73651-XX16
TYPE SLS



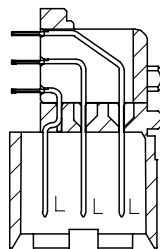
73651-XX25
TYPE MML



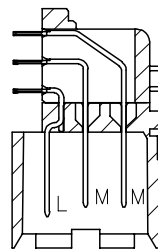
73651-XX27
TYPE MLM



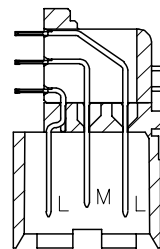
73651-XX33
TYPE LMS



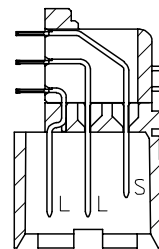
73651-XX38
TYPE LLL



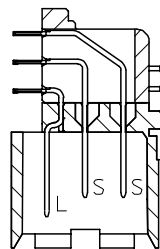
73651-XX34
TYPE LMM



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:BARKER 2007/01/04 APPR:SMILLER 2007/01/05	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0 ▽=0	mm	INCH	DRAWN BY JRP	DATE 1997/07/22	SALES ASSEMBLY HDM DAUGHTERCARD POWER MODULE		
		4 PLACES ±---	±---	CHECKED BY PAR	DATE 1996/07/22			
		2 PLACES ±0.10	±---	APPROVED BY CAB	DATE 1996/07/22	MOLEX INCORPORATED		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ±1/2°		MATERIAL NO. SEE CHART		DOCUMENT NO. SDA-73651-****		SHEET NO. 2 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
1 = 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

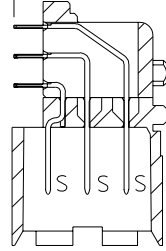
PRESSFIT TAILS
AVAILABLE IN
THESE LENGTHS
ONLY

MATING LENGTH

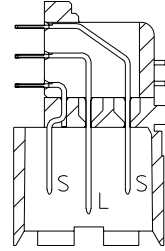
10 = SSS	20 = MSS	30 = LSS
11 = SSM	21 = MSM	31 = LSM
12 = SSL	22 = MSL	32 = LSL
13 = SMS	23 = MMS	33 = LMS
14 = SMM	24 = MMM	34 = LMM
15 = SML	25 = MML	35 = LML
16 = SLS	26 = MLS	36 = LLS
17 = SLM	27 = MLM	37 = LLM
18 = SLL	28 = MLL	38 = LLL

DIM. "P" ± 0.25

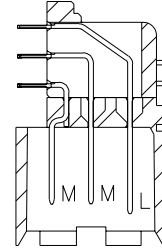
MATING LENGTH EXAMPLES



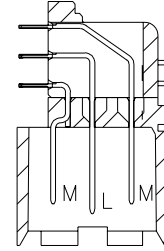
73651-XX10
TYPE SSS



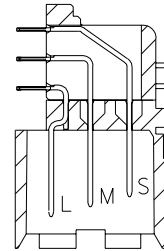
73651-XX16
TYPE SLS



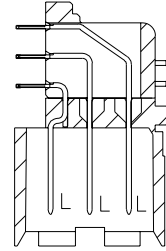
73651-XX25
TYPE MML



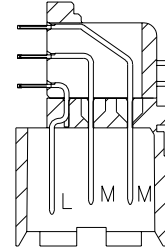
73651-XX27
TYPE MLM



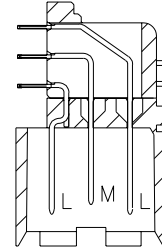
73651-XX33
TYPE LMS



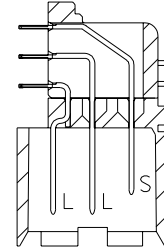
73651-XX38
TYPE LLL



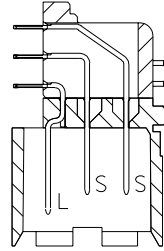
73651-XX34
TYPE LMM



73651-XX35
TYPE LML



73651-XX36
TYPE LLS



73651-XX30
TYPE LSS

DIMENSIONS SHOWN (METRIC) INCH

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

	INCH	METRIC
3 PLACE	$\pm$ N/A	---
2 PLACE	$\pm$ N/A	$\pm$ ---
1 PLACE	---	$\pm$ ---

DRAFT WHERE APPLICABLE MUST
REMAIN WITHIN DIMENSIONS

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

$\nabla = 0$

$\blacktriangledown = 0$

REVISE ONLY ON CAD SYSTEM

TITLE

SALES ASSY, HDM DAUGHTER
CARD POWER MODULE

FILE NAME

SEE CHART

SDA-73651-*****

MOLEX INCORPORATED
LITSE,ILL. 60532 U.S.A.

PART NO.

DATE

SHEET NO.

96/07/22

DRWG. NO.

DA

SIZE B

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

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

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

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.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

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

moschip.ru_6

moschip.ru_9