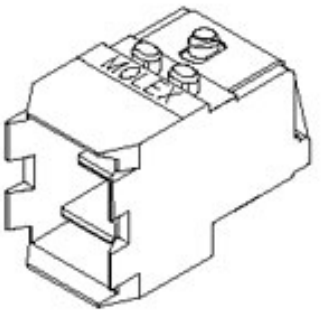
This document was generated on 05/14/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0736510033
Status: Active
Overview: hdm
Description: 2.00mm (.079") Pitch HDM® Board-to-Board Daughterboard Power Module, Right Angle, SMC, 3-Blade Module, 3 Circuits



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Packaging Specification (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

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
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

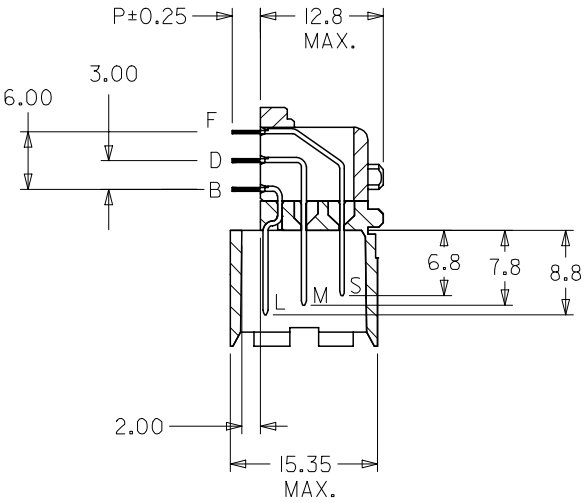
Current - Maximum per Contact	15A
Data Rate	1.0 Gbps
Real Signals (per 25mm)	19
Shielded	No
Voltage - Maximum	500V

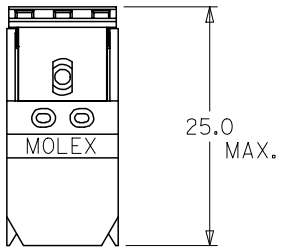
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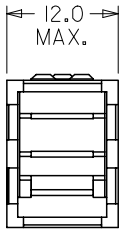
Reference - Drawing Numbers

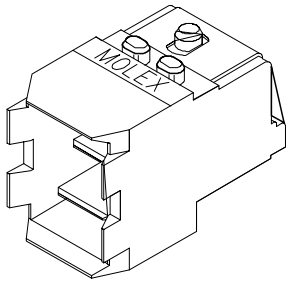
Packaging Specification	PK-70873-0820
Sales Drawing	SDA-73651-****

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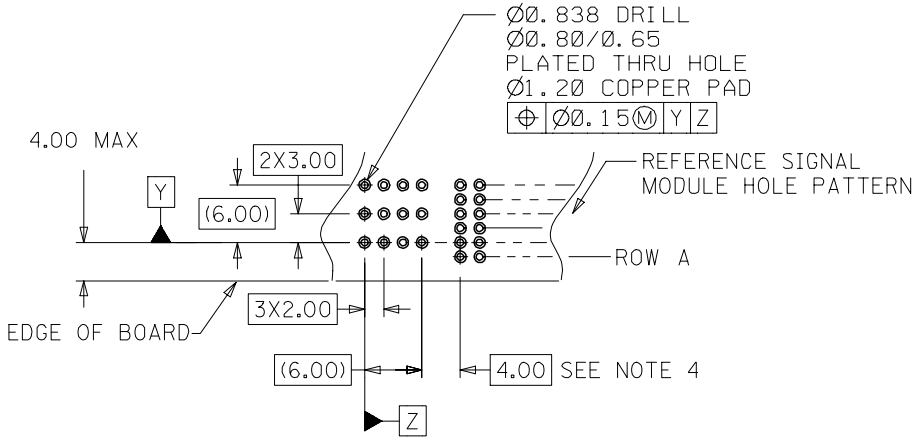








NOTES:
1. MATERIALS:
   HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL 94V-0, COLOR BLACK
   TERMINAL - COPPER ALLOY
2. FINISH:
   ASSEMBLIES WITH PRESSFIT TAILS:
   0.76 MINIMUM SELECTIVE GOLD (Au) IN CONTACT AREA,
   SELECTIVE TIN/LEAD (Sn/Pb) ON PC TAILS
   OVER NICKEL (Ni) UNDERPLATE OVERALL.
   ASSEMBLIES WITH SOLDERTAILS:
   0.76 MINIMUM SELECTIVE GOLD (Au) IN CONTACT AREA,
   SELECTIVE TIN (Sn) ON PC TAILS
   OVER NICKEL (Ni) UNDERPLATE OVERALL.
3. THIS PART CONFROMS 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 PUPOSES 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 2006/12/29
DRWN:MSIBARRA 2007/01/04
CH'KD:BBARKER 2007/01/05
APPR:SMILLER
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY	JRP	DATE 199/07/22
CHECKED BY	PAR	DATE 1996/07/22
APPROVED BY	CAB	DATE 1996/07/22

TITLE: SALES ASSEMBLY HDM DAUGHTERCARD POWER MODULE

MOLEX INCORPORATED

MATERIAL NO.: SEE SHEET 2
DOCUMENT NO.: SDA-73651-****
SHEET NO.: 1 OF 2

SIZE B

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

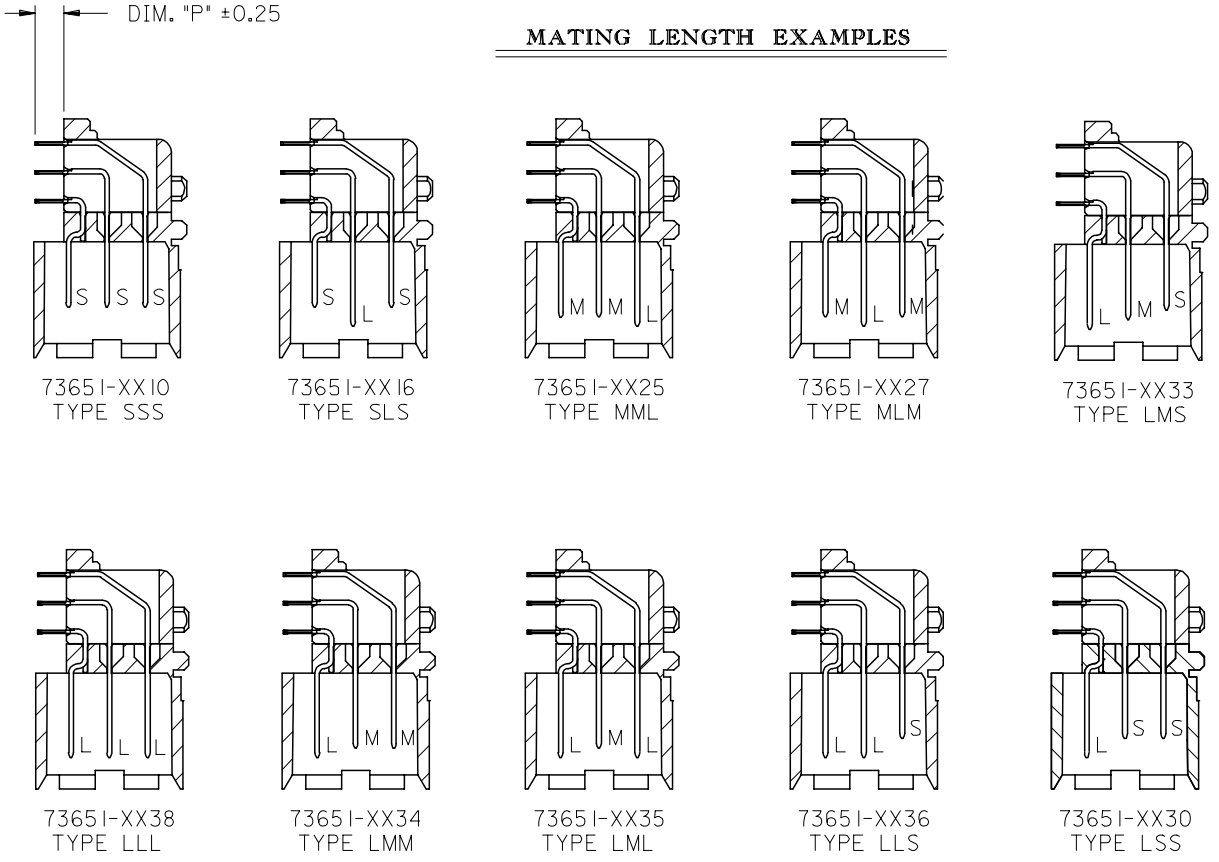
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0	2.00
1	2.50
2	3.00
3	3.50
4	4.00
5	2.75

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

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 2006/12/29
DRWN:MSIBARRA 2007/01/04
CH'KD:BBARKER 2007/01/05
APPR:SMILLER
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY	JRP	DATE 199/07/22
CHECKED BY	PAR	DATE 1996/07/22
APPROVED BY	CAB	DATE 1996/07/22

TITLE: SALES ASSEMBLY HDM DAUGHTERCARD POWER MODULE

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-73651-****
SHEET NO.: 2 OF 2
SIZE: B

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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

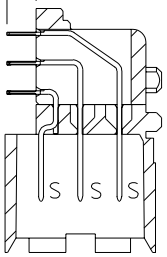
PRESSFIT TAILS AVAILABLE IN THESE LENGTHS ONLY

MATING LENGTH

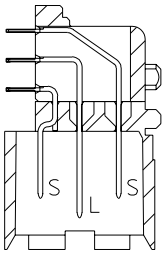
10 = SSS	20 = MSS	30 = LSS
11 = SSM	21 = MSM	31 = LSM
12 = SSL	22 = MSL	32 = LSL
13 = SMS	23 = MMS	33 = LMS
14 = SMM	24 = MMM	34 = LMM
15 = SML	25 = MML	35 = LML
16 = SLS	26 = MLS	36 = LLS
17 = SLM	27 = MLM	37 = LLM
18 = SLL	28 = MLL	38 = LLL

DIM. "P" ±0.25

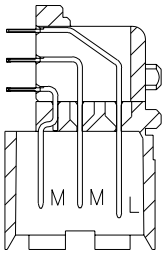
MATING LENGTH EXAMPLES



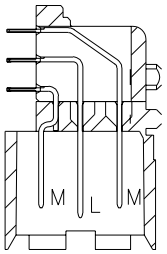
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TYPE SSS



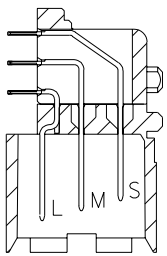
73651-XX16
TYPE SLS



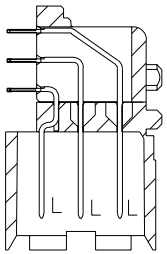
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TYPE MML



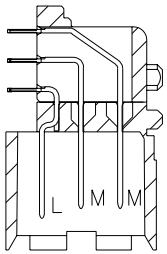
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TYPE MLM



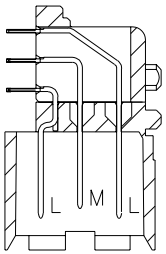
73651-XX33
TYPE LMS



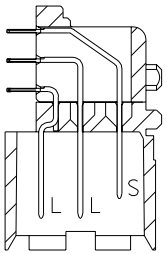
73651-XX38
TYPE LLL



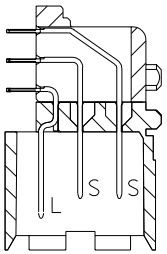
73651-XX34
TYPE LMM



73651-XX35
TYPE LML



73651-XX36
TYPE LLS



73651-XX30
TYPE LSS

LTR.	REVISIONS	LTR.	REVISIONS
		E	SEE SHEET 1
		D	SEE SHEET 1
		C	SEE SHEET 1
		B	SEE SHEET 1
		A	SEE SHEET 1

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°

	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

C = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM

TITLE
SALES ASSY, HDM DAUGHTER CARD POWER MODULE

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

SHEET NO. 2
DATE 96/07/22

PART NO. SEE CHART
DRWG. NO. SDA-73651-****

FILE NAME S7365IX2 DGN

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DIV. DA
SIZE B

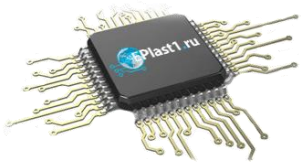
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)
Факс: 8 (812) 320-02-42
Электронная почта: org@eplast1.ru
Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.