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Part Number: [0736510133](#)
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

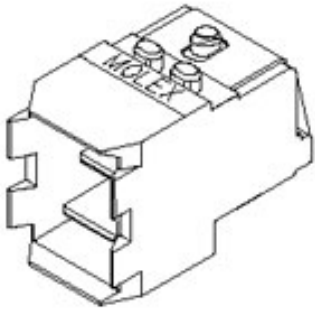
Product Family	Backplane Connectors
Series	73651
Application	Daughtercard
Component Type	Power Receptacle
Overview	hdm
Product Name	HDM®
Style	N/A

Physical

Circuits (Loaded)	3
Circuits (maximum)	3
Durability (mating cycles max)	250
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	No
Keying to Mating Part	None
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
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +105°C

Electrical

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



Series

image - Reference only

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

Voltage - Maximum500V

Material Info

Reference - Drawing Numbers

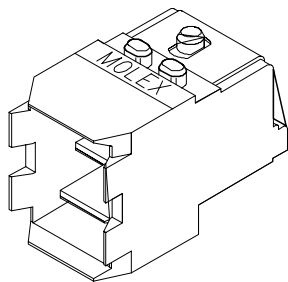
Packaging SpecificationPK-70873-0820

Sales DrawingSDA-73651-****

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This document was generated on 05/14/2010

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-
- $\varnothing 0.838$ DRILL
 $\varnothing 0.80/\varnothing 0.65$
 PLATED THRU HOLE
 $\varnothing 1.20$ COPPER PAD
 $\varnothing 0.15$ Y Z
- 4.00 MAX
- 2X3.00
- (6.00)
- EDGE OF BOARD
- 3X2.00
- (6.00)
- Z
- ROW A
- REFERENCE SIGNAL
MODULE HOLE PATTERN
- 4.00 SEE NOTE 4
- 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

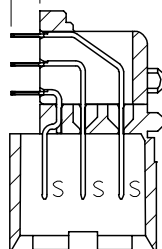
PRESSFIT TAILS
AVAILABLE IN
THESE LENGTHS
ONLY

MATING LENGTH

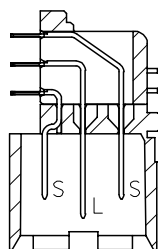
10 = SSS	20 = MSS	30 = LSS
11 = SSM	21 = MSM	31 = LSM
12 = SSL	22 = MSL	32 = LSL
13 = SMS	23 = MMS	33 = LMS
14 = SMM	24 = MMM	34 = LMM
15 = SML	25 = MML	35 = LML
16 = SLS	26 = MLS	36 = LLS
17 = SLM	27 = MLM	37 = LLM
18 = SLL	28 = MLL	38 = LLL

DIM. "P" ±0.25

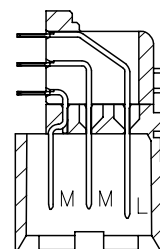
MATING LENGTH EXAMPLES



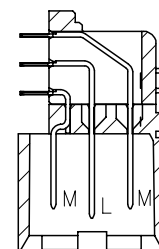
73651-XX10
TYPE SSS



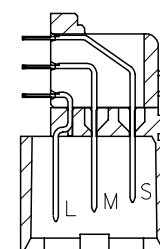
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TYPE SLS



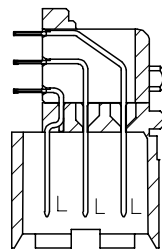
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TYPE MML



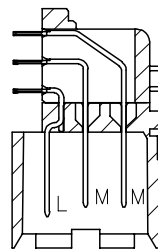
73651-XX27
TYPE MLM



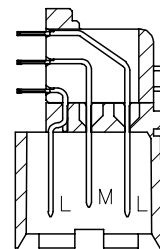
73651-XX33
TYPE LMS



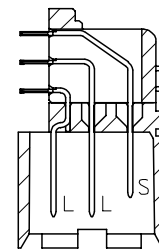
73651-XX38
TYPE LLL



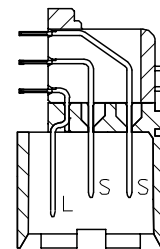
73651-XX34
TYPE LMM



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) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.10</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td colspan="3">ANGULAR ±1/2°</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.10	± ---	1 PLACE	± 0.25	± ---	ANGULAR ±1/2°			DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH																					
	4 PLACES	± ---	± ---																					
	3 PLACES	± ---	± ---																					
2 PLACES	± 0.10	± ---																						
1 PLACE	± 0.25	± ---																						
ANGULAR ±1/2°																								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWN BY JRP	DATE 1997/07/22	TITLE SALES ASSEMBLY HDM DAUGHTERCARD POWER MODULE																				
MATERIAL NO. SEE CHART		CHECKED BY PAR	DATE 1996/07/22	MOLEX INCORPORATED																				
SIZE B		APPROVED BY CAB		DATE 1996/07/22	DOCUMENT NO. SDA-73651-****	SHEET NO. 2 OF 2																		

