

PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED PCB THICKNESS: 2.50 MIN

- 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, 0.00076mm MIN. THICKNESS; SELECTIVE TIN (Sb) 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. FOR SPECIFIC MATERIAL NUMBERS, REFER TO SHEET 2.
  6. PACKAGE PER PK-70873-0818.
  7. PARTS MARKED WITH PART NUMBER AND DATE CODE, ON EITHER SIDE, APPROXIMATELY WHERE SHOWN.

INITIAL RELEASE EC NO: UCP2006-1564 DRW: JJONIAK 2006/01/31 CHKD: JBINGHAM 2006/01/31 APPR: CBI XLER 2006/02/02	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 JJONIAK	DATE 2005/11/01	TITLE SALES ASSEMBLY, HDM LEADFREE BP MODULE POLAR/GUIDE OPTION			
		4 PLACES	±---	±---	CHECKED BY JBINGHAM	DATE 2005/11/01				
		3 PLACES	±---	±---	APPROVED BY JBINGHAM	DATE 2005/11/01	MOLEX INCORPORATED			
2 PLACES	±---	±---	MATERIAL NO. SEE SHEET 2	DOCUMENT NO. SD-73644-003	SHEET NO. 1 OF 2					
1 PLACE	±---	±---	ANGULAR ±1/2°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										

MATERIAL NUMBER	NUMBER OF SIGNAL CONTACTS	PLATING	DIM "A"	DIM "B"	DIM "M"
73644-70**	72	SELECTIVE GOLD/SELECTIVE TIN	31.60	22.00	5.00
73644-71**	72	SELECTIVE GOLD/SELECTIVE TIN	31.60	22.00	5.50
73644-72**	72	SELECTIVE GOLD/SELECTIVE TIN	31.60	22.00	6.00
73644-60**	144	SELECTIVE GOLD/SELECTIVE TIN	55.60	46.00	5.00
73644-61**	144	SELECTIVE GOLD/SELECTIVE TIN	55.60	46.00	5.50
73644-62**	144	SELECTIVE GOLD/SELECTIVE TIN	55.60	46.00	6.00

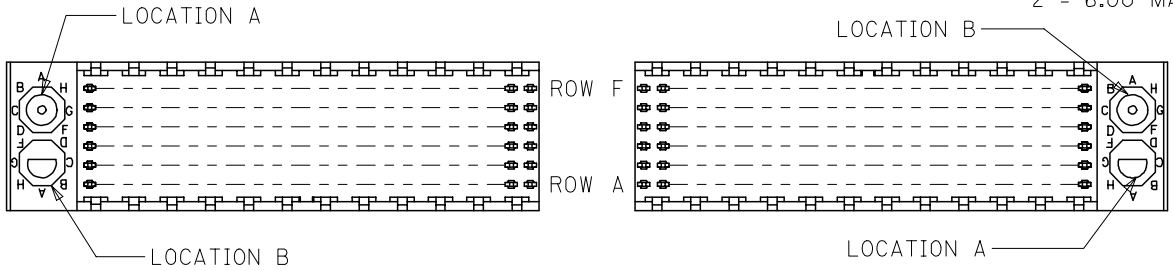
**MATERIAL NUMBER ASSIGNMENT**

73644- \* \* \* \*

7 = 72-CIRCUIT, GOLD/TIN  
6 = 144-CIRCUIT, GOLD/TIN

0 = 5.00 MATING LENGTH  
1 = 5.50 MATING LENGTH  
2 = 6.00 MATING LENGTH

NUMBER	GUIDE POST LOCATION	POLAR KEY POSITION
00	B	A
01	A	
02	B	B
03	A	
04	B	C
05	A	
06	B	D
07	A	
08	B	E
09	A	
10	B	F
11	A	
12	B	G
13	A	
14	B	H
15	A	
16	B	
17	A	N/A
18	N/A	



REF. MATERIAL NUMBER 73644-0009  
GUIDE PIN IS IN LOCATION A  
POLARIZING KEY IS IN LOCATION B, POSITION E

REF. MATERIAL NUMBER 73644-0008  
GUIDE PIN IS IN LOCATION B  
POLARIZING KEY IS IN LOCATION A, POSITION E

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			mm	INCH	DRAWN BY JJONIAK	DATE 2005/11/01	TITLE SALES ASSEMBLY, HDM LEADFREE BP MODULE POLAR/GUIDE OPTION		
		4 PLACES	± ---	± ---	CHECKED BY JBINGHAM	DATE 2005/11/01			
		3 PLACES	± ---	± ---	APPROVED BY JBINGHAM	DATE 2005/11/01	MOLEX INCORPORATED		
2 PLACES	± ---	± ---	ANGULAR ±1/2°		MATERIAL NO. SEE CHART	DOCUMENT NO. SD-73644-003	SHEET NO. 2 OF 2		
1 PLACE	± ---	± ---	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				