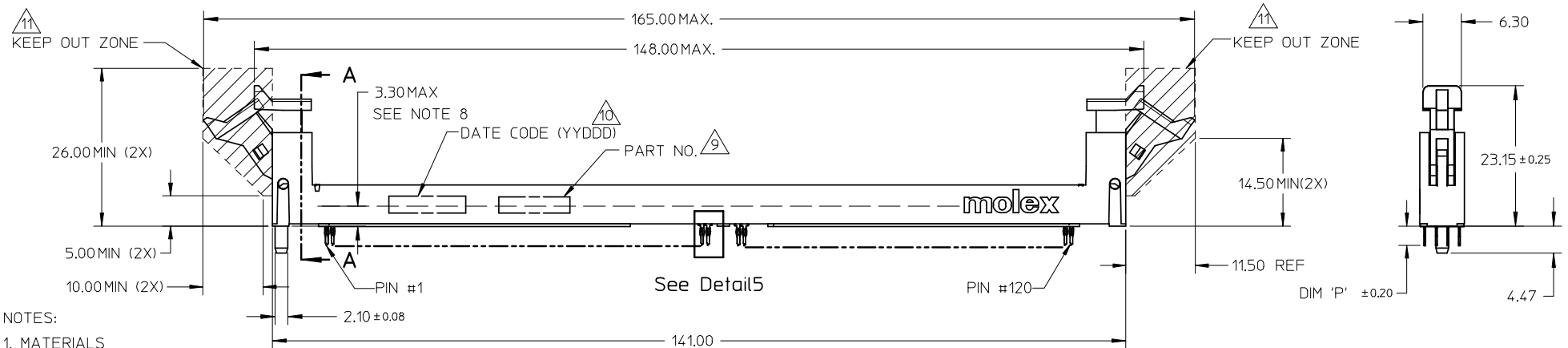
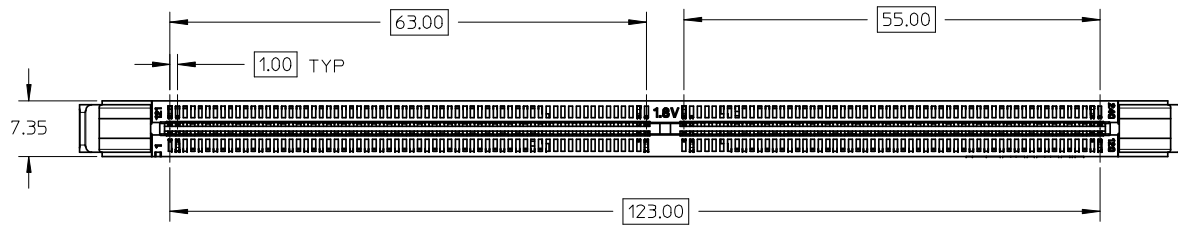




NOTES:

1. MATERIALS

HOUSING - HIGH TEMP. NYLON, GLASS-FILLED, UL 94V-0.
 LATCH - HIGH TEMP. NYLON, GLASS-FILLED, UL 94V-0 - NATURAL
 POLYSULFONE, UL 94HB - CLEAR
 (COLOUR OF THE HOUSING AND LATCHES REFER TO TABLE ON SHEET 5 & 6).
 TERMINAL - PHOSPHOR BRONZE

2. PLATING - CONTACT AREA - SEE TABLE IN SHEET 5.

TAIL AREA - 15µIN(0.38µM) TO 60µIN(1.52µM) MIN.
 90/10 TIN/LEAD OR TIN OVER 50µIN(1.27µM) MIN. NICKEL.

3. CARD SLOT ACCEPTS 1.27±0.10 MM MODULE THICKNESS. (MEASURED OVER P.C. PADS)

4. RECOMMENDED MODULE LAYOUT SHALL BE AS PER JEDEC MO-237.

5. RECOMMENDED PLATING ON MODULE PADS: 30µIN(0.76µM) MIN. HARD GOLD OVER 79µIN(2µM) MIN. NICKEL.

6. PRODUCT SHALL BE PACKED IN TRAY.

7. REFER TO PRODUCT SPEC. PS-87746-002 FOR PERFORMANCE SPECIFICATIONS.

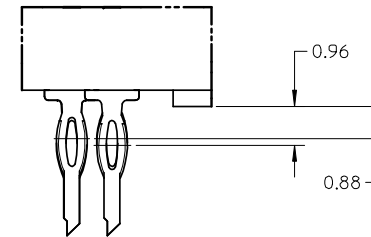
8. DIMM MODULE SEATING PLANE FROM TOP OF PCB.

9. PART NUMBER SHALL BE MARKED LEGIBLY AS : 87746 XXXX

10. DATE CODE SHALL BE MARKED LEGIBLY AS SHOWN : YYDDD

11. KEEP OUT CROSS HATCHED ARE RESERVED FOR SOCKET EJECTORS AT BOTH ENDS.

12. KEEP OUT ZONE IS HEIGHT LIMITED PER 11.



Detail5

ADD PART NO EC NO: S2008-0748 DRWN:GTAN CHKD:CCTH APPR:SHENI 2008/03/05 2008/03/05 2008/03/06	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY CGOH	DATE 2002/06/13	TITLE DDR2 DIMM, 1.00MM PITCH 240 CKTS, VERT. PRESSFIT				
			4 PLACES	±---	±---	CHECKED BY DSOH	DATE 2002/08/07					
			3 PLACES	±---	±---	APPROVED BY SKTOH		DATE 2002/08/08	MOLEX INCORPORATED			
			2 PLACES	±0.20	±---							
			1 PLACE	±---	±---							
			ANGULAR ± 5 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87746-001		1 OF 6			
					SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
REV												

10 9 8 7 6 5 4 3 2 1

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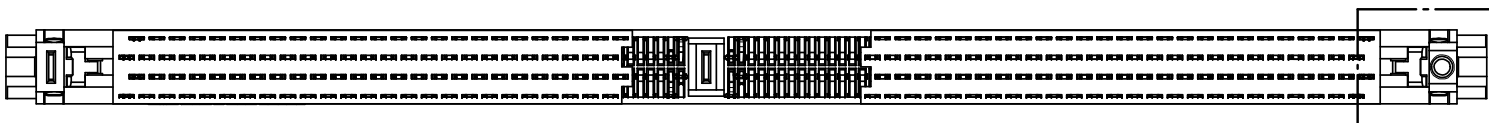
E

D

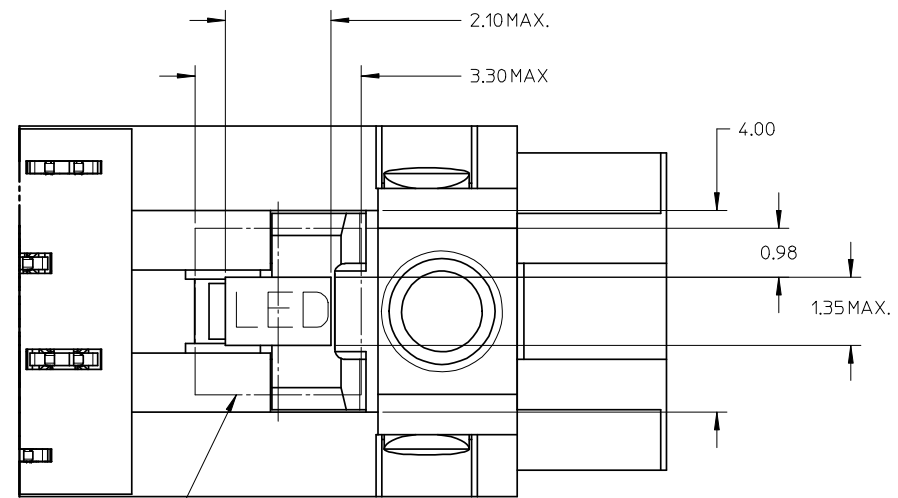
C

B

A

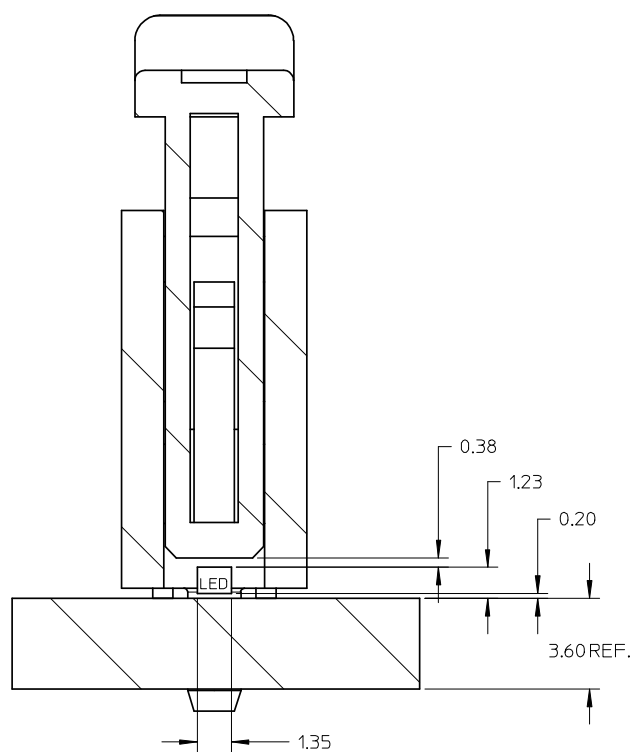


Detail3



LED PLACEMENT AREA

Detail3



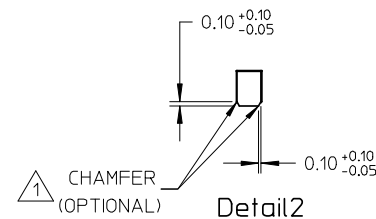
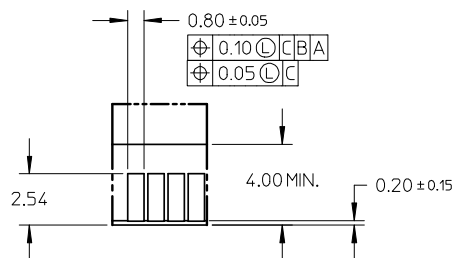
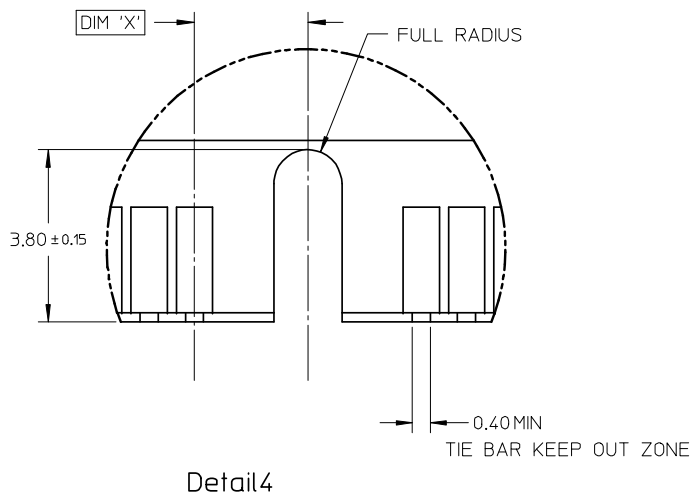
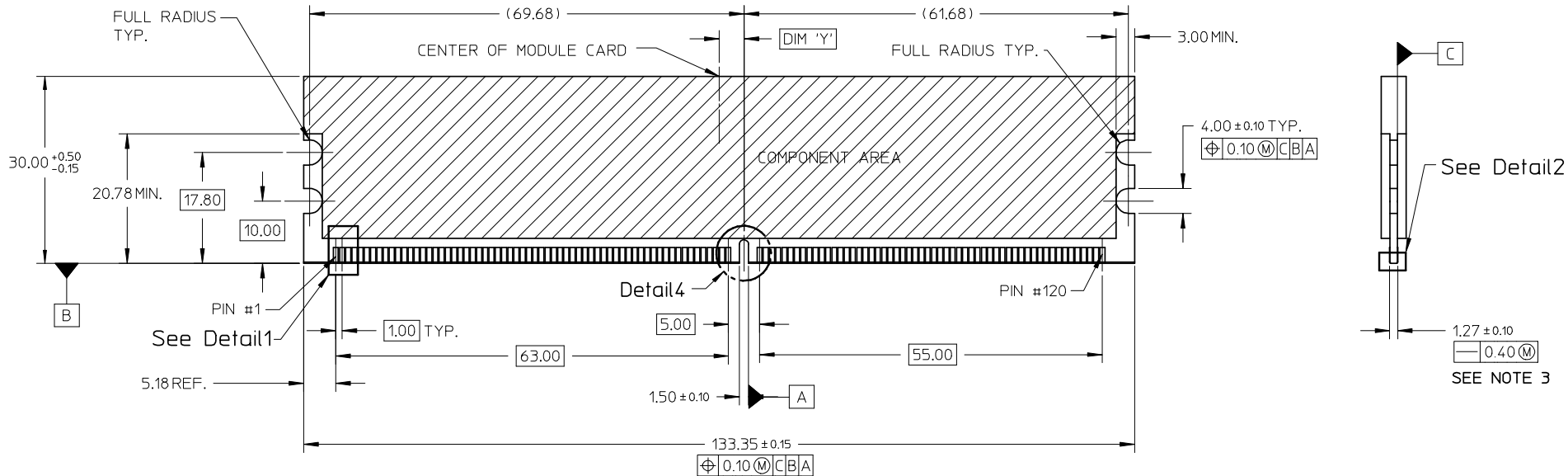
SECTION A-A

ADD PART NO EC NO: S2008-0748 DRWN:CGTAN CHKD:CCTEH APPR:SHLENI	DESCRIPTION 2008/03/05 2008/03/05 2008/03/06	REV D6	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	⊙ THIRD ANGLE PROJECTION
				4 PLACES 3 PLACES 2 PLACES 1 PLACE	mm	INCH	DRAWN BY CGOH	DATE 2002/06/13	TITLE DDR2 DIMM, 1.00MM PITCH 240 CKTS, VERT. PRESSFIT	
					± ---	± ---	CHECKED BY DSOH	DATE 2002/08/07		
					± ---	± ---	APPROVED BY SKTOH	DATE 2002/08/08		
					± 0.20	± ---	MOLEX MOLEX INCORPORATED			
ANGULAR ± 5 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE TABLE		SD-87746-001		2 OF 6		
				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

RECOMMENDED MODULE LAYOUT



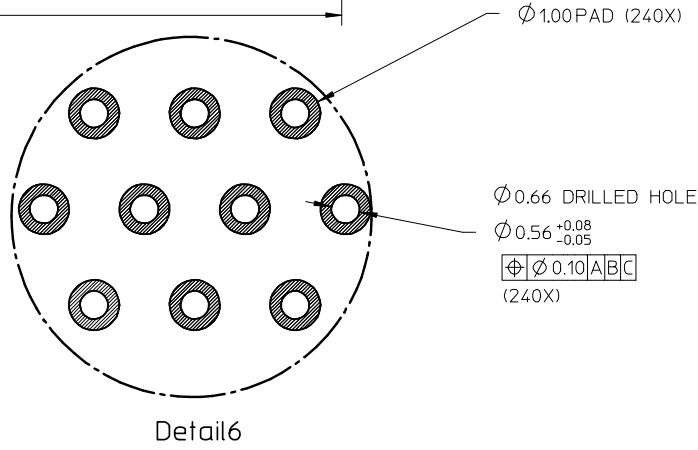
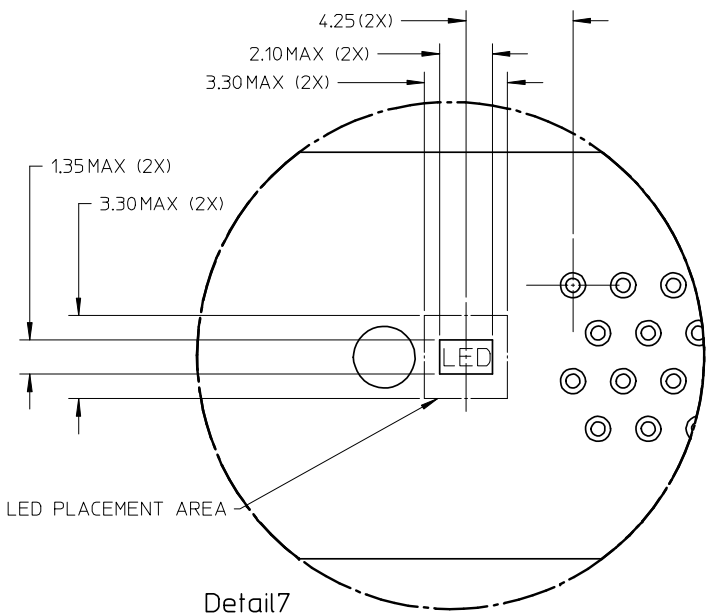
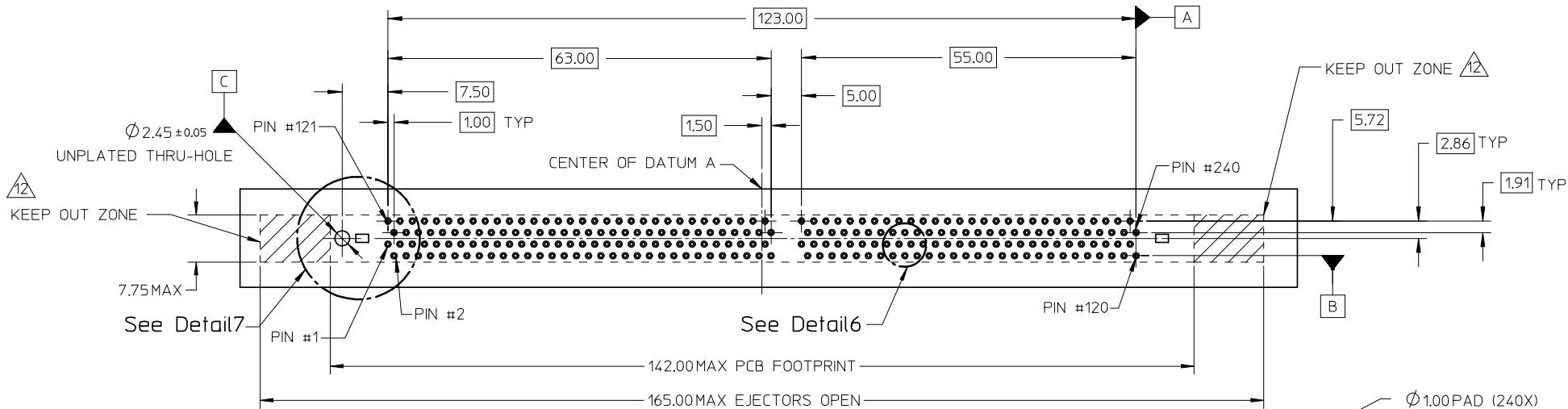
KEY LOCATION	VOLTAGE	DIM 'X'	DIM 'Y'
CENTER	1.8V	2.50	4.00

NOTES :
1 MODULE CARD USED IN PRODUCT TESTING ARE CHAMFERED.

ADD PART NO EC NO: S2008-0748 DRWN:CGTAN CHKD:CCTEH APPR:SHLENI REV D6	QUALITY SYMBOLS ▽=0 C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY CGOH	DATE 2002/06/13	TITLE DDR2 DIMM, 1.00MM PITCH 240 CKTS, VERT. PRESSFIT	
		4 PLACES	± ---	± ---	± ---	CHECKED BY	DATE		
		3 PLACES	± ---	± ---	± ---	DSOH	2002/08/07	MOLEX INCORPORATED	
		2 PLACES	± 0.20	± ---	± ---	APPROVED BY	DATE		
		1 PLACE	± ---	± ---	± ---	SKTOH	2002/08/08	SD-87746-001	
		ANGULAR ± 5 °				MATERIAL NO.			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE TABLE		3 OF 6	
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

10 9 8 7 6 5 4 3 2 1

RECOMMENDED PCB HOLE PATTERN
SEE TABLE IN SHEET 5 FOR
RECOMMENDED PCB THICKNESS



ADD PART NO EC NO: S2008-0748 DRWN:CGTAN CHKD:CTEH APPR:SHLENI REV D6	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY CGOH	DATE 2002/06/13	TITLE DDR2 DIMM, 1.00MM PITCH 240 CKTS, VERT. PRESSFIT				
			4 PLACES	± ---	± ---	CHECKED BY	DATE					
			3 PLACES	± ---	± ---	DSOH	2002/08/07	MOLEX INCORPORATED				
			2 PLACES	± 0.20	± ---	APPROVED BY	DATE					
			1 PLACE	± ---	± ---	SKTOH	2002/08/08	DOCUMENT NO. SD-87746-001				
			ANGULAR ± 5 °			MATERIAL NO.						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3		SEE TABLE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

9 8 7 6 5 4 3 2 1

	10	9	8	7	6	5	4	3	2	1																																																																																												
F	<table><tr><th>PART NO.</th><th>VOLTAGE KEY POS.</th><th>VOLTAGE KEY TEXT</th><th>TAIL LENGTH P±0.20</th><th>RECOMMENDED PCB THICKNESS</th><th>LUBRICATION</th><th>PLATING OPTION</th><th>LATCH COLOR</th><th>PLATING OPTION</th><th>HOUSING COLOR</th></tr><tr><td>87746-0001</td><td rowspan="2">CENTER</td><td rowspan="2">1.8V</td><td>4.20</td><td>4.57</td><td rowspan="2">NO</td><td rowspan="2">SELECTIVE GOLD 0.38uM/ 15uIN MIN. GOLD OVER 1.27uM/ 50uIN MIN. NICKEL</td><td rowspan="6">NATURAL (OFF WHITE)</td><td rowspan="17">TIN/LEAD</td><td rowspan="17">BLACK</td></tr><tr><td>87746-1001</td><td>3.30</td><td>3.60</td></tr><tr><td>87746-0011</td><td rowspan="2">CENTER</td><td rowspan="2">1.8V</td><td>4.20</td><td>4.57</td><td rowspan="2">NO</td><td rowspan="4">SELECTIVE GOLD 0.76uM/ 30uIN MIN. GOLD OVER 1.27uM/ 50uIN MIN. NICKEL</td></tr><tr><td>87746-1011</td><td>3.30</td><td>3.60</td></tr><tr><td>87746-0091</td><td rowspan="2">CENTER</td><td rowspan="2">1.8V</td><td>4.20</td><td>4.57</td><td rowspan="2">YES</td></tr><tr><td>87746-1091</td><td>3.30</td><td>3.60</td></tr><tr><td>87746-5001</td><td rowspan="2">CENTER</td><td rowspan="2">1.8V</td><td>4.20</td><td>4.57</td><td rowspan="2">NO</td><td rowspan="2">SELECTIVE GOLD 0.38uM/ 15uIN MIN. GOLD OVER 1.27uM/ 50uIN MIN. NICKEL</td></tr><tr><td>87746-5101</td><td>3.30</td><td>3.60</td></tr><tr><td>87746-5011</td><td rowspan="2">CENTER</td><td rowspan="2">1.8V</td><td>4.20</td><td>4.57</td><td rowspan="2">NO</td><td rowspan="4">SELECTIVE GOLD 0.76uM/ 30uIN MIN. GOLD OVER 1.27uM/ 50uIN MIN. NICKEL</td></tr><tr><td>87746-5111</td><td>3.30</td><td>3.60</td></tr><tr><td>87746-5091</td><td rowspan="2">CENTER</td><td rowspan="2">1.8V</td><td>4.20</td><td>4.57</td><td rowspan="2">YES</td></tr><tr><td>87746-5191</td><td>3.30</td><td>3.60</td></tr></table>										PART NO.	VOLTAGE KEY POS.	VOLTAGE KEY TEXT	TAIL LENGTH P±0.20	RECOMMENDED PCB THICKNESS	LUBRICATION	PLATING OPTION	LATCH COLOR	PLATING OPTION	HOUSING COLOR	87746-0001	CENTER	1.8V	4.20	4.57	NO	SELECTIVE GOLD 0.38uM/ 15uIN MIN. GOLD OVER 1.27uM/ 50uIN MIN. NICKEL	NATURAL (OFF WHITE)	TIN/LEAD	BLACK	87746-1001	3.30	3.60	87746-0011	CENTER	1.8V	4.20	4.57	NO	SELECTIVE GOLD 0.76uM/ 30uIN MIN. GOLD OVER 1.27uM/ 50uIN MIN. NICKEL	87746-1011	3.30	3.60	87746-0091	CENTER	1.8V	4.20	4.57	YES	87746-1091	3.30	3.60	87746-5001	CENTER	1.8V	4.20	4.57	NO	SELECTIVE GOLD 0.38uM/ 15uIN MIN. GOLD OVER 1.27uM/ 50uIN MIN. NICKEL	87746-5101	3.30	3.60	87746-5011	CENTER	1.8V	4.20	4.57	NO	SELECTIVE GOLD 0.76uM/ 30uIN MIN. GOLD OVER 1.27uM/ 50uIN MIN. NICKEL	87746-5111	3.30	3.60	87746-5091	CENTER	1.8V	4.20	4.57	YES	87746-5191	3.30	3.60	F																				
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