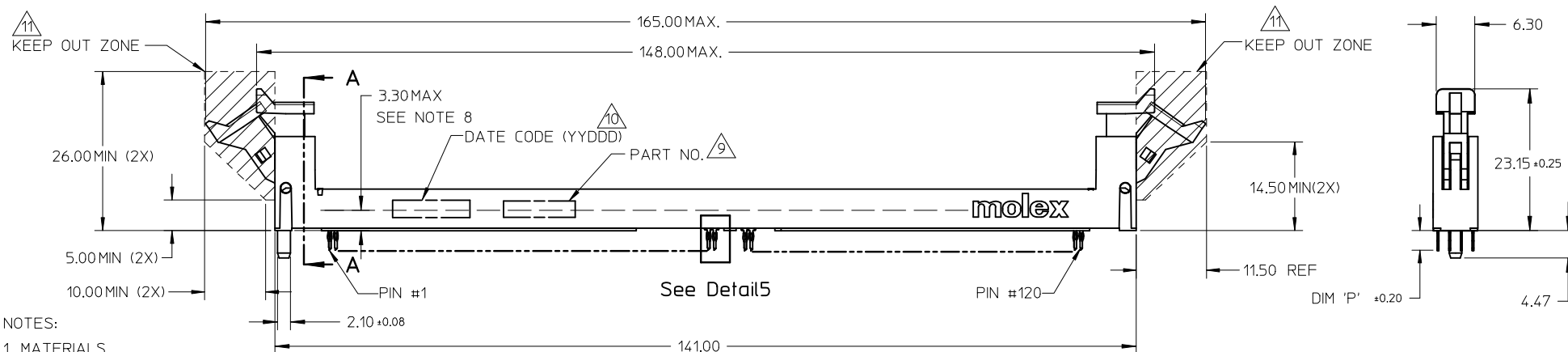
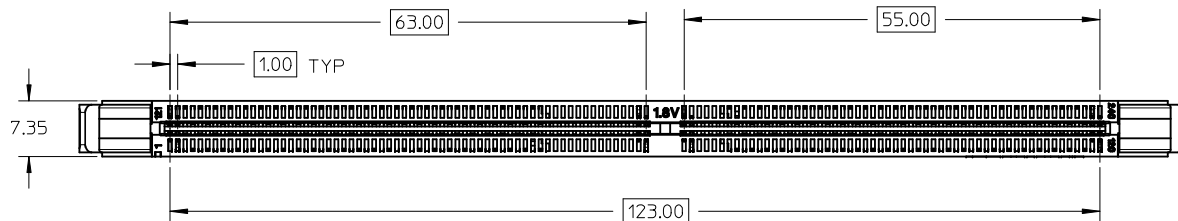




NOTES:

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

4. PRODUCT SHALL BE PACKED IN TRAY.

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

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

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

8. DIMM MODULE SEATING PLANE FROM TOP OF PCB.

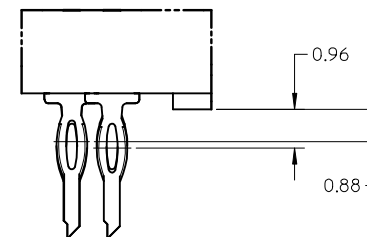
9. PART NUMBER SHALL BE MARKED LEGIBLY AS : 87746 XXXX

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

PART NO UPDATED EC NO: S2009-0883 DRWN: TARUUGHAM CHKD: CGTAN APPR: SLENI D8	QUALITY SYMBOLS ▽=0 ◻=0 DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
				MM ONLY		NTS	METRIC				
				DRAWN BY DATE		TITLE DDR2 DIMM, 100MM PITCH 240 CKTS, VERT. PRESSFIT					
				CGOH 2002/06/13							
				CHECKED BY DATE							
				DSOH 2002/08/07							
				APPROVED BY DATE		MOLEX INCORPORATED					
				SKTOH 2002/08/08							
				MATERIAL NO.		DOCUMENT NO.					SHEET NO.
				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							

10 9 8 7 6 5 4 3 2 1

F

F

E

E

D

D

C

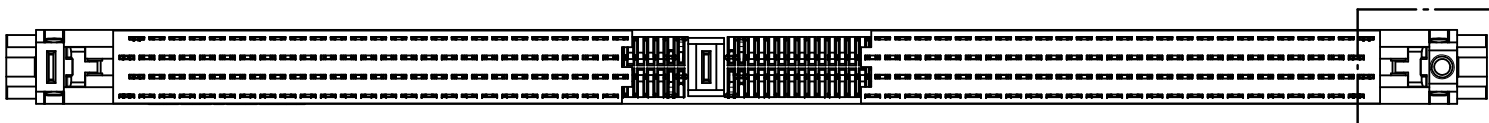
C

B

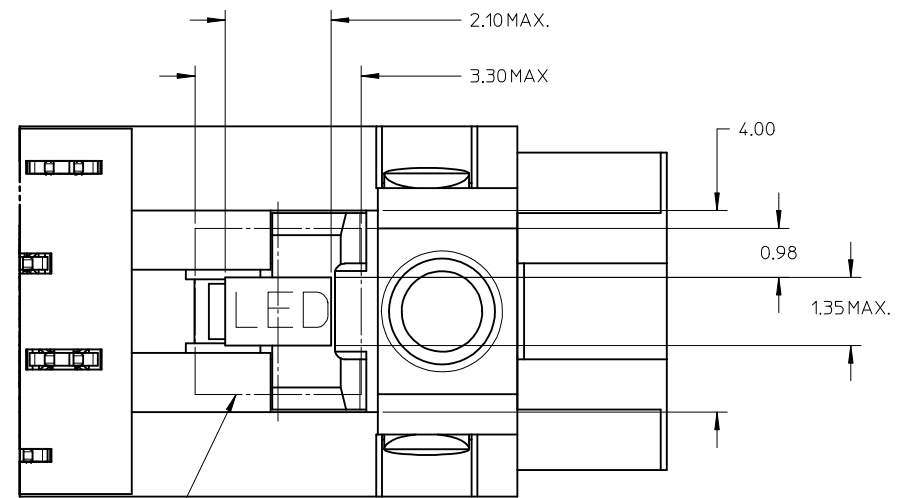
B

A

A

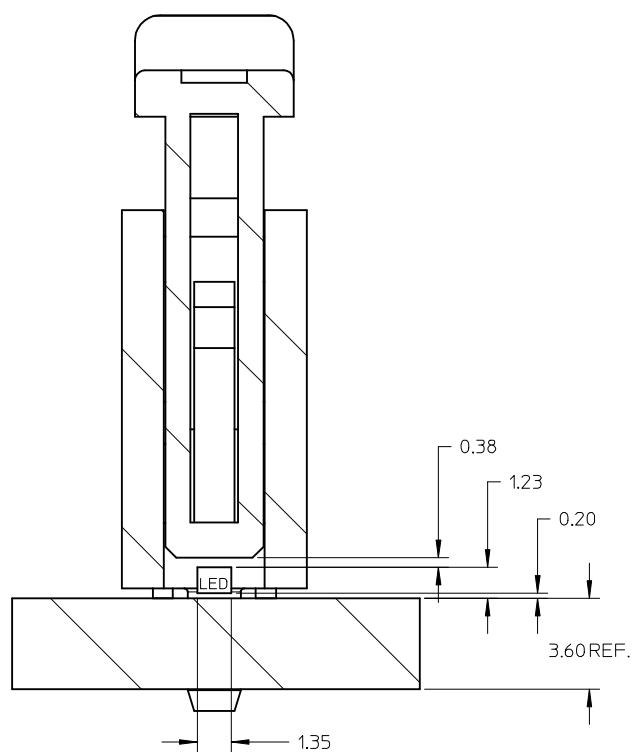


Detail3



LED PLACEMENT AREA

Detail3



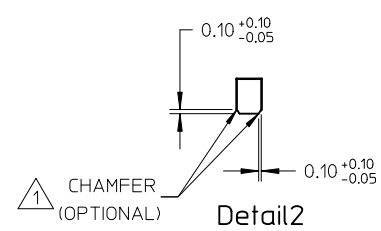
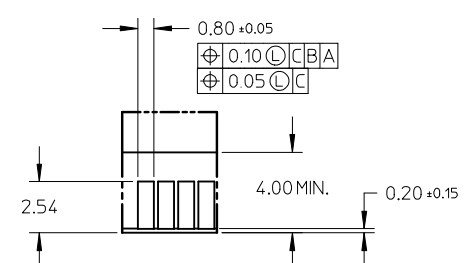
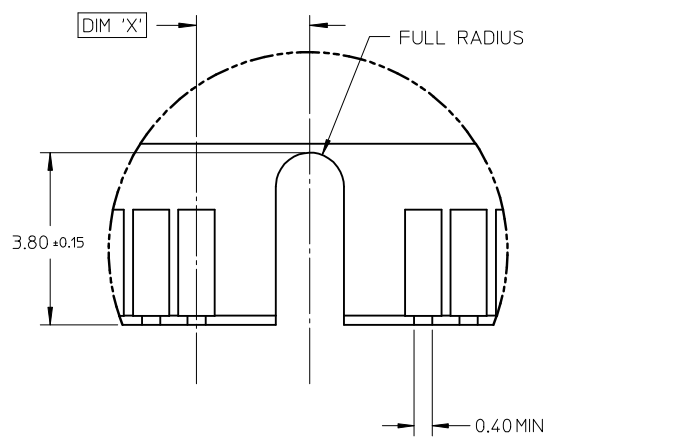
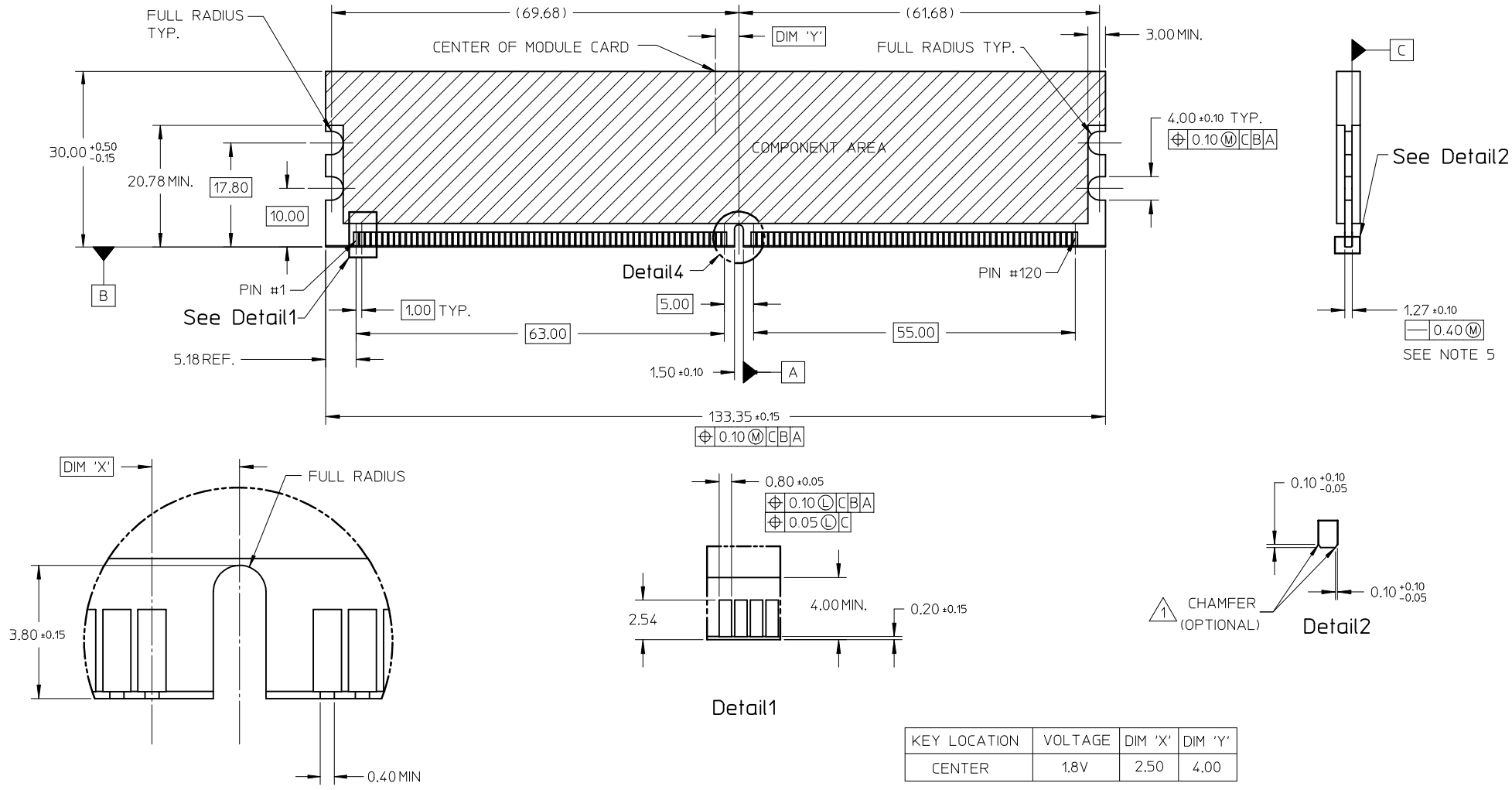
SECTION A-A

PART NO UPDATED EC NO: S2009-0883 DRWN: TARUMUGHAM CHKD: CGTAN APPR: SILENI	DESCRIPTION REV D8	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					
			2 PLACES	± 0.20	± ---	MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-87746-001		SHEET NO. 2 OF 6		
			1 PLACE	± ---	± ---							
			ANGULAR ± 5 °			MOLEX INCORPORATED						
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									

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

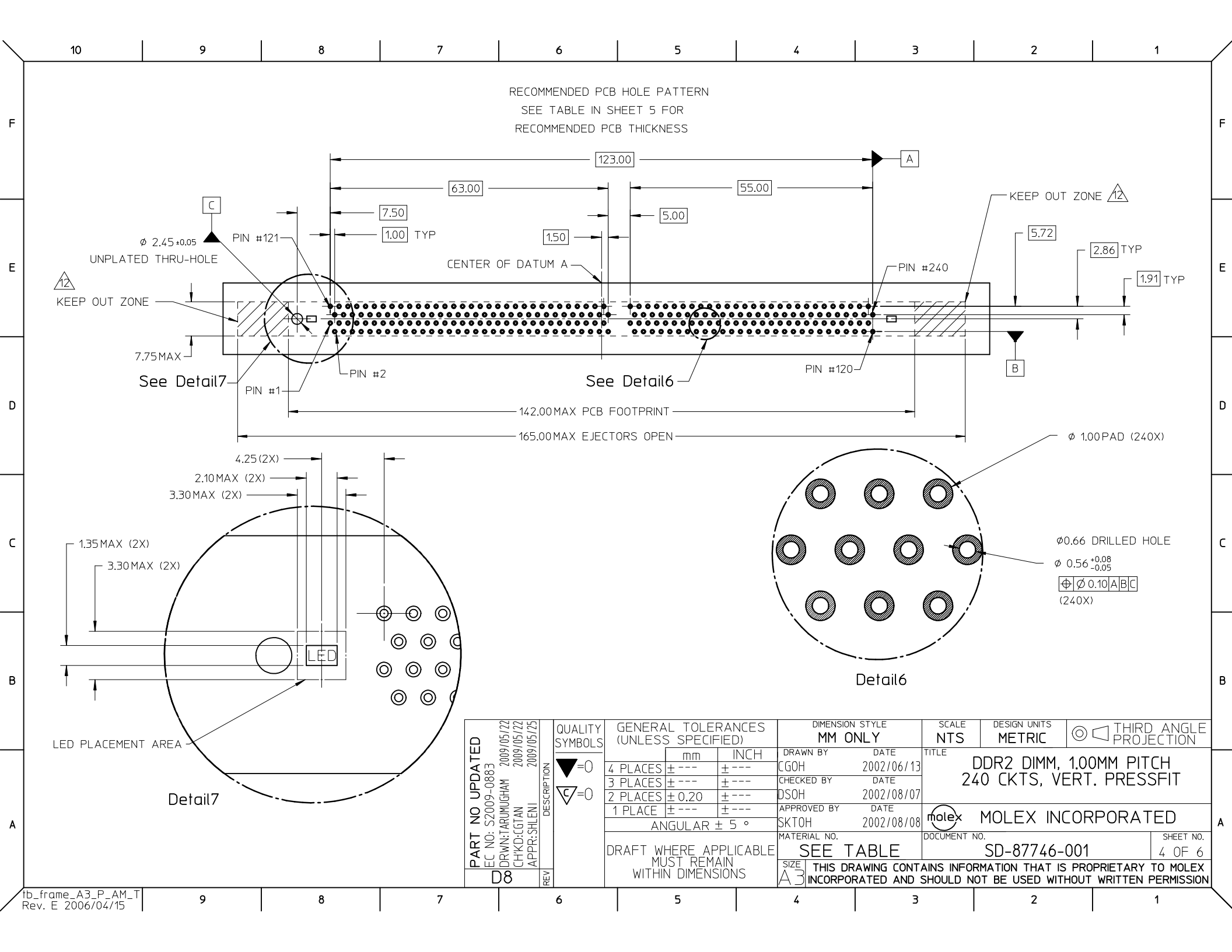
RECOMMENDED MODULE LAYOUT



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

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

PART NO UPDATED EC NO: S2009-0883 DRWN: TARUMUGHAM CHKD: CGTAN APPR: SILENI REV	DESCRIPTION D8	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, 100MM PITCH 240 CKTS, VERT. PRESSFIT	MOLEX MOLEX INCORPORATED	DOCUMENT NO. SD-87746-001	SHEET NO. 3 OF 6
			4 PLACES	±---	±---	CHECKED BY	DATE				
			3 PLACES	±---	±---	DSOH	2002/08/07				
			2 PLACES	±0.20	±---	APPROVED BY	DATE				
			1 PLACE	±---	±---	SKTOH	2002/08/08				
			ANGULAR ± 5 °			MATERIAL NO.					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE								
			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



PART NO UPDATED EC NO: S2009-0883 DRWN: TARUMUGHAM CHKD: CGTAN APPR: SILENI	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			
ANGULAR ± 5 °			MATERIAL NO.		DOCUMENT NO.	SHEET NO. 4 OF 6					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SD-87746-001						
D8					SIZE A3	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																																																																										
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="12">TIN/LEAD</td><td rowspan="12">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="6">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="6">SELECTIVE GOLD 0.76uM/ 30uIN MIN. GOLD OVER 1.27uM/ 50uIN MIN. NICKEL</td><td rowspan="6">CLEAR</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	CLEAR	87746-5111	3.30	3.60	87746-5091	CENTER	1.8V	4.20	4.57	YES	87746-5191	3.30	3.60		
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	CLEAR																																																																													
87746-5111			3.30	3.60																																																																																
87746-5091	CENTER	1.8V	4.20	4.57	YES																																																																															
87746-5191			3.30	3.60																																																																																
E											E																																																																									
D											D																																																																									
C											C																																																																									
B											B																																																																									

A	<table><tr><td rowspan="10">PART NO UPDATED EC NO: S2009-0883 DRWN: TARUMUGHAM 2009/05/22 CHKD: CGTAN 2009/05/22 APPR: SHLENI 2009/05/25 D8</td><td rowspan="10">DESCRIPTION ▽=0 ◻=0 REV</td><td colspan="2">QUALITY SYMBOLS</td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE MM ONLY</td><td>SCALE NTS</td><td>DESIGN UNITS METRIC</td><td colspan="2">THIRD ANGLE PROJECTION</td></tr><tr><td rowspan="5">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td>mm</td><td>INCH</td><td>DRAWN BY CGOH</td><td>DATE 2002/06/13</td><td colspan="4" rowspan="2">TITLE DDR2 DIMM, 100MM PITCH 240 CKTS, VERT. PRESSFIT</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td><td>CHECKED BY DSOH</td><td>DATE 2002/08/07</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td><td colspan="2" rowspan="2">APPROVED BY SKTOH</td><td colspan="2" rowspan="2">MOLEX INCORPORATED</td></tr><tr><td>2 PLACES</td><td>± 0.20</td><td>± ---</td></tr><tr><td>1 PLACE</td><td>± ---</td><td>± ---</td><td colspan="2">ANGULAR ± 5 °</td><td colspan="2">MATERIAL NO. SEE TABLE</td><td>DOCUMENT NO. SD-87746-001</td><td>SHEET NO. 5 OF 6</td></tr><tr><td colspan="2">SIZE A3</td><td colspan="8">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr></table>										PART NO UPDATED EC NO: S2009-0883 DRWN: TARUMUGHAM 2009/05/22 CHKD: CGTAN 2009/05/22 APPR: SHLENI 2009/05/25 D8	DESCRIPTION ▽=0 ◻=0 REV	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	mm	INCH	DRAWN BY CGOH	DATE 2002/06/13	TITLE DDR2 DIMM, 100MM PITCH 240 CKTS, VERT. PRESSFIT				4 PLACES	± ---	± ---	CHECKED BY DSOH	DATE 2002/08/07	3 PLACES	± ---	± ---	APPROVED BY SKTOH		MOLEX INCORPORATED		2 PLACES	± 0.20	± ---	1 PLACE	± ---	± ---	ANGULAR ± 5 °		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-87746-001	SHEET NO. 5 OF 6	SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
	PART NO UPDATED EC NO: S2009-0883 DRWN: TARUMUGHAM 2009/05/22 CHKD: CGTAN 2009/05/22 APPR: SHLENI 2009/05/25 D8	DESCRIPTION ▽=0 ◻=0 REV	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC			THIRD ANGLE PROJECTION																																																				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	mm	INCH	DRAWN BY CGOH	DATE 2002/06/13	TITLE DDR2 DIMM, 100MM PITCH 240 CKTS, VERT. PRESSFIT																																																									
				4 PLACES	± ---	± ---	CHECKED BY DSOH						DATE 2002/08/07																																																				
				3 PLACES	± ---	± ---	APPROVED BY SKTOH		MOLEX INCORPORATED																																																								
				2 PLACES	± 0.20	± ---																																																											
				1 PLACE	± ---	± ---	ANGULAR ± 5 °		MATERIAL NO. SEE TABLE				DOCUMENT NO. SD-87746-001	SHEET NO. 5 OF 6																																																			
			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																																												
			fb_frame_A3_P_AM.T Rev. E 2006/04/15																																																														
			987654321																																																														

