

10 9 8 7 6 5 4 3 2 1

NOTES:

1. MATERIALS

HOUSING - HIGH TEMP. NYLON GLASS FILLED, UL 94V-0

COLOR: BLACK

EJECTOR - HIGH TEMP. NYLON GLASS FILLED, UL 94V-0

COLOR: SEE TABLE

TERMINAL - COPPER ALLOY

2. PLATING - SEE TABLE IN SHEET 5 & 6.

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. REFER TO PRODUCT SPEC. PS-87705-002 FOR PERFORMANCE SPECIFICATIONS.

6. PRODUCT SHALL BE PACKED IN TRAY.

7. PRODUCT SHALL HAVE DATE CODE STAMPED ON SIDE OF HOUSING.

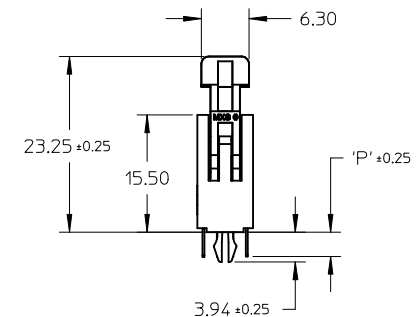
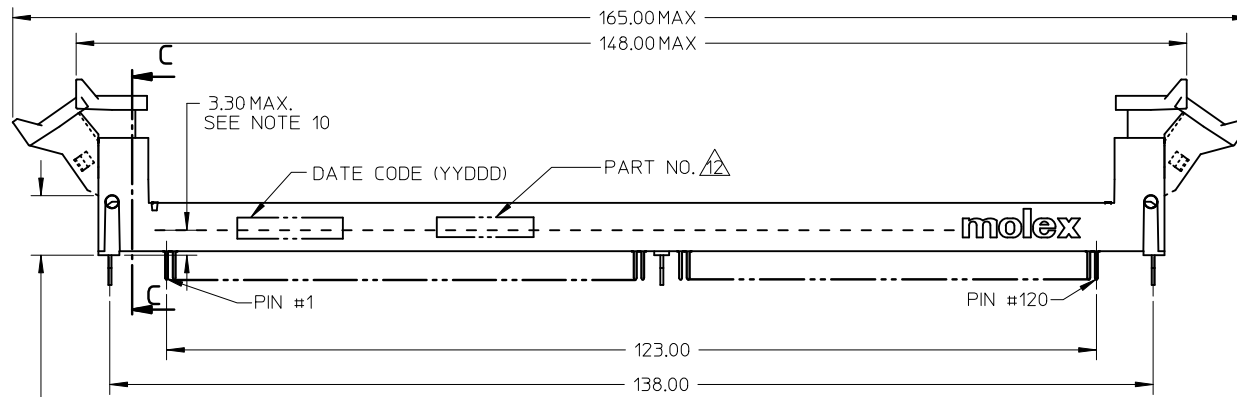
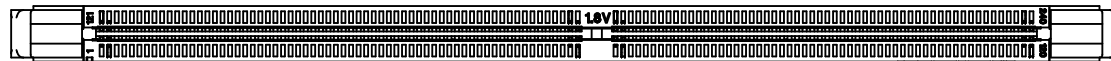
8. KEEP OUT AREA IS THE AREA WHERE THE CONNECTOR IS MOUNTED ONTO THE PCB WHICH DOES NOT INCLUDE THE LATCH.

9. REFER TO CRITICAL JEDEC INFORMATION FOR SOCKET OUTLINE PER SO-001.

10. DIMM MODULE SEATING PLANE FROM TOP OF PCB.

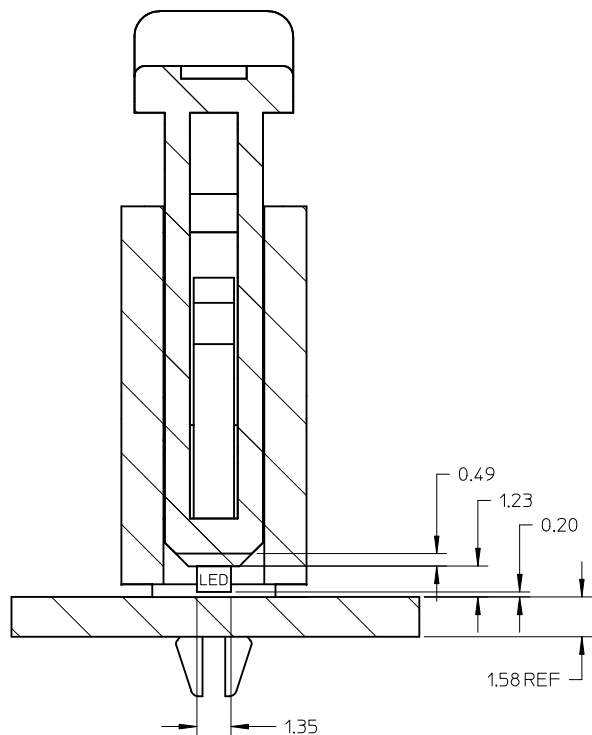
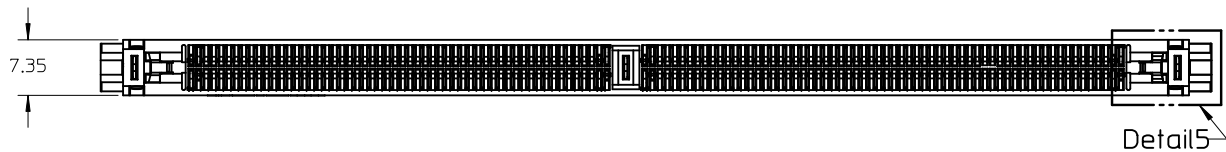
11. CONTACT MOLEX FOR AVAILABILITY OF PRODUCT OPTIONS.

△ PART NUMBER SHALL BE MARKED LEGIBLY AS 87705-****

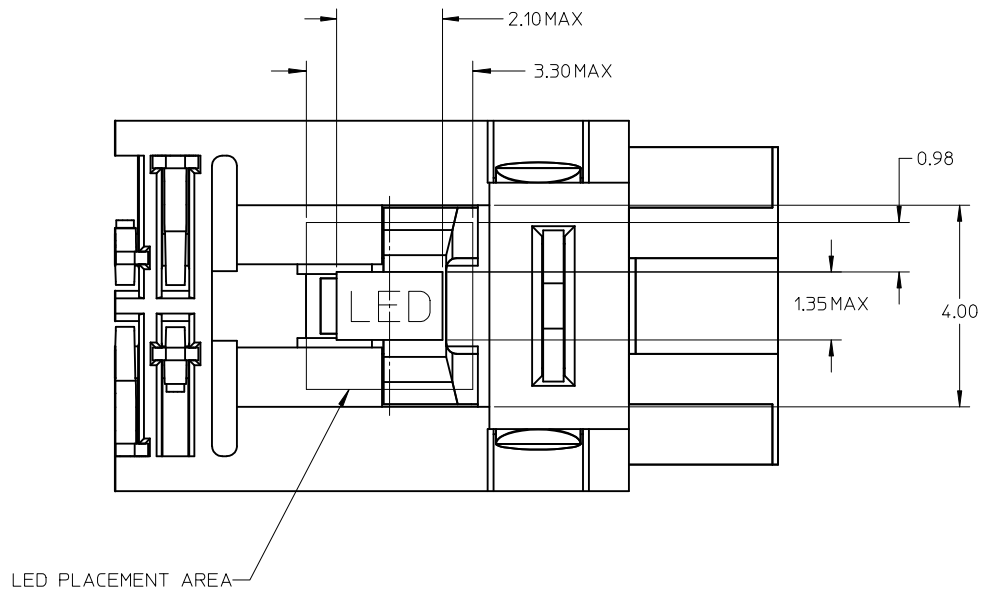


5.00 MIN
LATCH KEEP
OUT AREA

ADDED OPTION EC NO: S2012-0025 2009/11/16 DRWN:CTEH CHKD:GTAN 2011/07/14 APPR:SHENI 2011/07/14	DESCRIPTION	QUALITY SYMBOLS F_A=0 F_C=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY CGOH	DATE 2002/05/09	TITLE DDR2 DIMM, 1.00MM PITCH 240 CKTS (FORKLOCK VERSION)						
			4 PLACES	± ---	± ---	CHECKED BY	DATE							
			3 PLACES	± ---	± ---	DSOH	2002/07/22							
						2 PLACES	± 0.20	± ---	APPROVED BY		DATE	 MOLEX INCORPORATED		
						1 PLACE	± ---	± ---	SKTOH		2002/07/23			
						ANGULAR ± 5 °			MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SD-87705-001		1 OF 6				
						SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



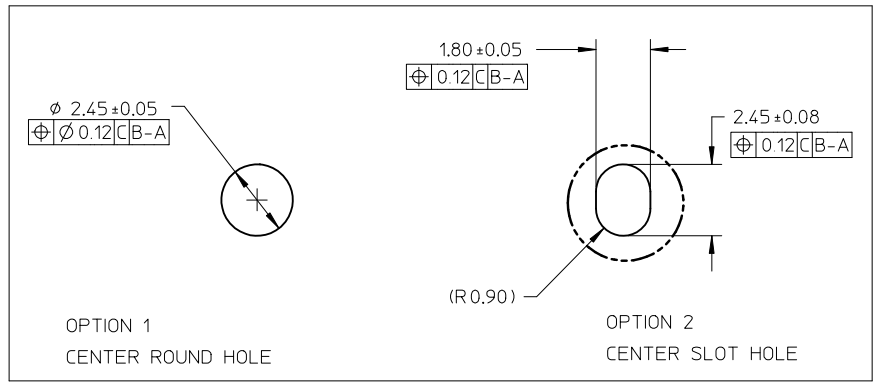
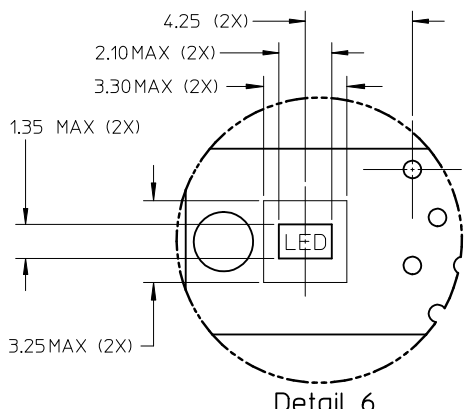
SECTION C-C



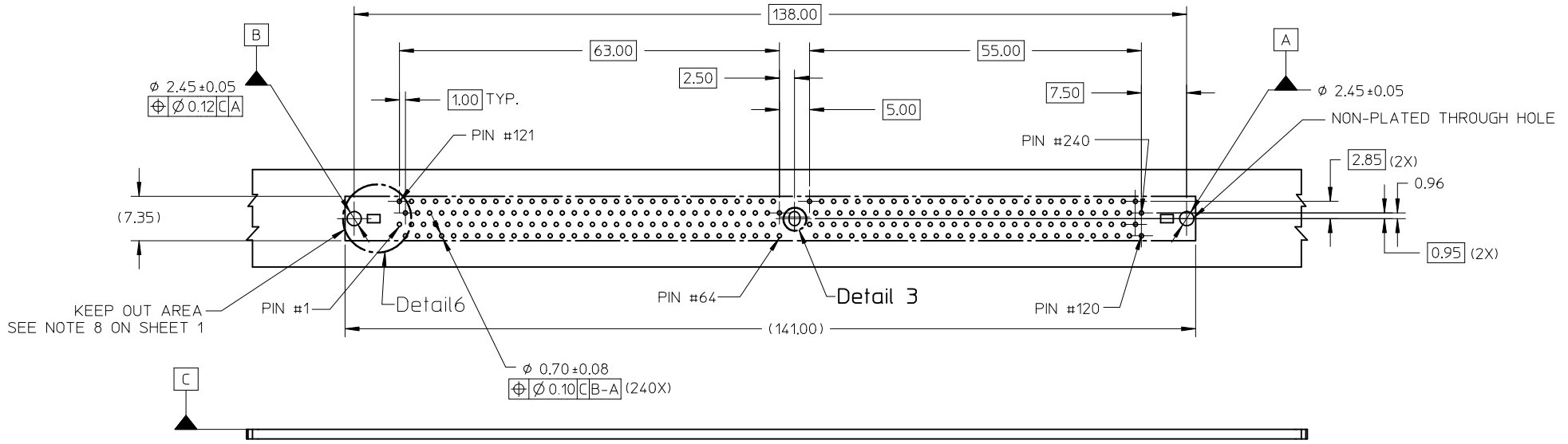
Detail 5

ADDED OPTION EC NO: S2012-0025 DRWN:CTEH CHKD:CGTAN APPR:SHLENI 2009/11/16 2011/07/14 2011/07/14	DESCRIPTION REV	QUALITY SYMBOLS FA=0 FC=0 FP=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
					DRAWN BY CGOH		DATE 2002/05/09		TITLE DDR2 DIMM, 1.00MM PITCH 240 CKTS (FORKLOCK VERSION)			
					CHECKED BY DSOH		DATE 2002/07/22					
					APPROVED BY SKTOH		DATE 2002/07/23					
					mm		INCH		MOLEX INCORPORATED			
			4 PLACES ± ---		± ---							
			3 PLACES ± ---		± ---		DOCUMENT NO. SD-87705-001					
			2 PLACES ± 0.20		± ---							
			1 PLACE ± ---		± ---		SHEET NO. 2 OF 6					
			ANGULAR ± 5 °									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				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



(SEE RECOMMENDED THICKNESS IN TABLE)
RECOMMENDED PCB LAYOUT
CONNECTOR SIDE



ADDED OPTION EC NO: S2012-0025 DRWN:CTEH CHKD:GTAN APPR:SHENI	2009/11/16 2011/07/14 2011/07/14	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION					
					mm	INCH	MM ONLY		NTS	METRIC	◎ □				
				▽=0	4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE					
				▽=0	3 PLACES	± ---	± ---	CGOH	2002/05/09	DDR2 DIMM, 100MM PITCH					
				▽=0	2 PLACES	± 0.20	± ---	CHECKED BY	DATE	240 CKTS					
				▽=0	1 PLACE	± ---	± ---	DSOH	2002/07/22	(FORKLOCK VERSION)					
REV	D2	REV		ANGULAR ± 5 °		APPROVED BY		DATE	MOLEX INCORPORATED						
				SKTOH		2002/07/23	molex								
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.					
				SEE TABLE				SD-87705-001		4 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

F

E

D

C

B

A

F

E

D

C

B

A

PART NO.	KEY POS.	DIM 'P'	RECOMMENDED PCB THICKNESS	PLATING OPTION	LATCH COLOR	LUBRICATION
87705-0021	CENTER (1.8V)	2.67	1.57	0.38uM / 15 uIN MIN. GOLD ON CONTACT, 2.54uM/ 100uIN MIN. TIN ON SOLDER TAILS, 1.27uM/ 50uIN MIN. NICKEL UNDERPLATE	NATURAL	NO
87705-1021		3.18	2.36			
87705-1053		3.66				
87705-0031		2.67	1.57	0.03uM / 1 uIN MIN. GOLD ON CONTACT, 2.54uM/ 100uIN MIN. TIN ON SOLDER TAILS, 1.27uM/ 50uIN MIN. NICKEL UNDERPLATE		
87705-1031		3.18	2.36			
87705-0051		2.67	1.57	0.76uM / 30 uIN MIN. GOLD ON CONTACT, 2.54uM/ 100uIN MIN. TIN ON SOLDER TAILS, 1.27uM/ 50uIN MIN. NICKEL UNDERPLATE		
87705-1051		3.18	2.36			
87705-3061						YES

ADDED OPTION EC NO: S2012-0025 DRWN:CTEH 2009/11/16 CHKD:CGTAN 2011/07/14 APPR:SHLENI 2011/07/14	DESCRIPTION REV	QUALITY SYMBOLS $F_A=0$ $F_G=0$ $F_P=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY CGOH	DATE 2002/05/09	TITLE DDR2 DIMM, 1.00MM PITCH 240 CKTS (FORKLOCK VERSION)		
			4 PLACES	± ---	± ---	CHECKED BY	DATE			
			3 PLACES	± ---	± ---	DSOH	2002/07/22	MOLEX INCORPORATED		
			2 PLACES	± 0.20	± ---	APPROVED BY	DATE			
			1 PLACE	± ---	± ---	SKTOH	2002/07/23	SD-87705-001		
			ANGULAR ± 5 °			MATERIAL NO.				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		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			

