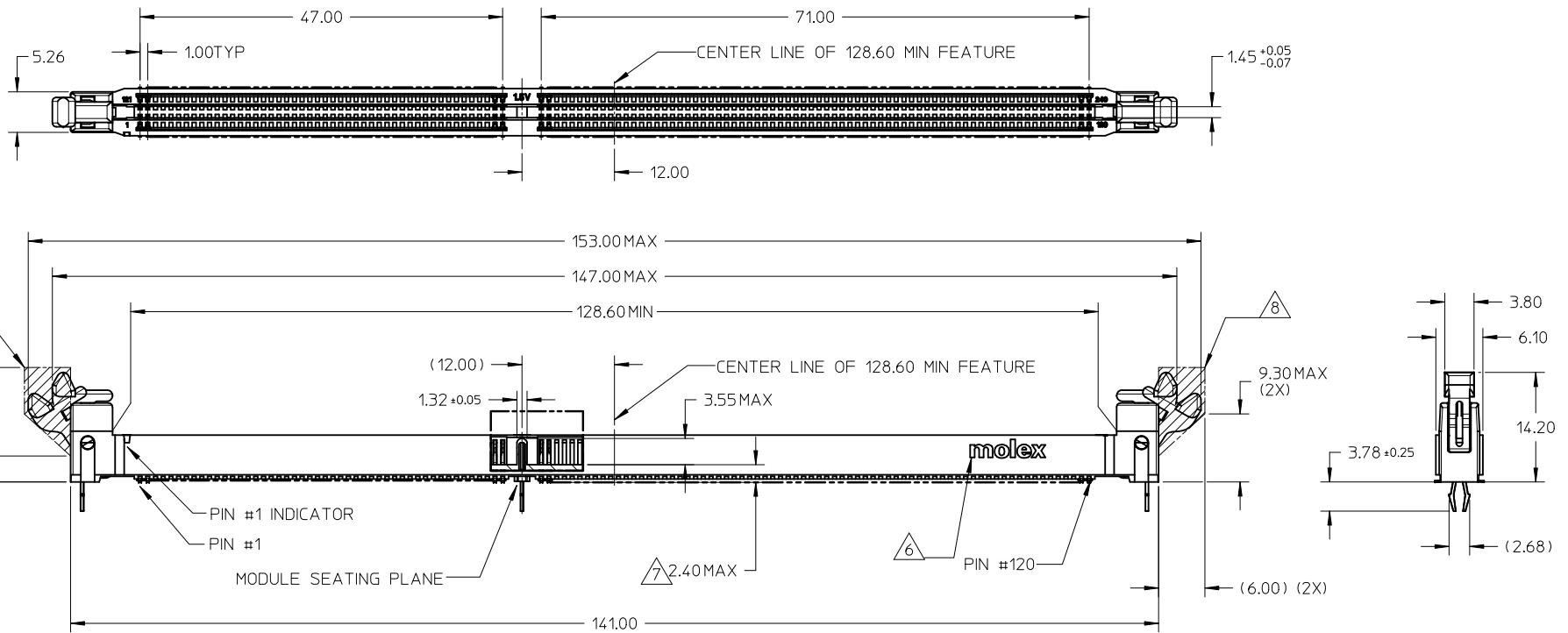




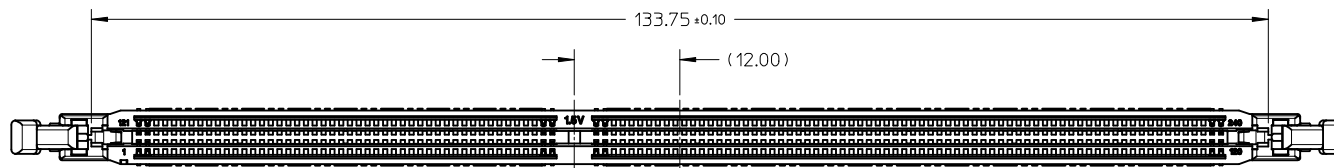
NOTES:

1. MATERIAL : HOUSING - LCP, GLASS FILLED, UL 94V-0
COLOUR : BLACK.
LATCH - NYLON, GLASS FILLED, UL 94V-0
COLOUR : SEE TABLE ON SHEET 5.
TERMINAL : COPPER ALLOY.
2. FINISHES - SEE TABLE ON SHEET 5.
3. PRODUCT SPECIFICATION : PS-78603-001.
4. PACKAGING SPECIFICATION: PRODUCT SHALL BE PACKED IN TRAY
5. CARD SLOT ACCEPTS 1.27±0.10MM MODULE THICKNESS
(MEASURED FROM P.C. PADS).

6. MOLEX LOGO, DATE & PART NO. INDICATED ON HOUSING.
7. MODULE SEATING PLANE FROM TOP OF PCB.
8. KEEP OUT ZONE RESERVED FOR LATCH.
9. KEEP OUT AREA IS THE AREA WHERE THE CONNECTOR
(INCLUDED LATCHES IN OPENING POSITION) IS MOUNTED ON THE PCB.

THIS DESIGN IS BASED ON DESIGN OBJECTIVES
AND IS STRICTLY TENTATIVE. IT MAY CHANGE
BASED ON RESULTS OF ADDITIONAL DESIGN
REVIEWS AND VERIFICATIONS.

FORK LOCK CHANGE EC NO: S2012-0910 DRWN: JAKEEM 2012/06/05 CHK'D: CGTAN 2012/06/06 APPR: SHLENI 2012/06/19		DESCRIPTION	QUALITY SYMBOLS <
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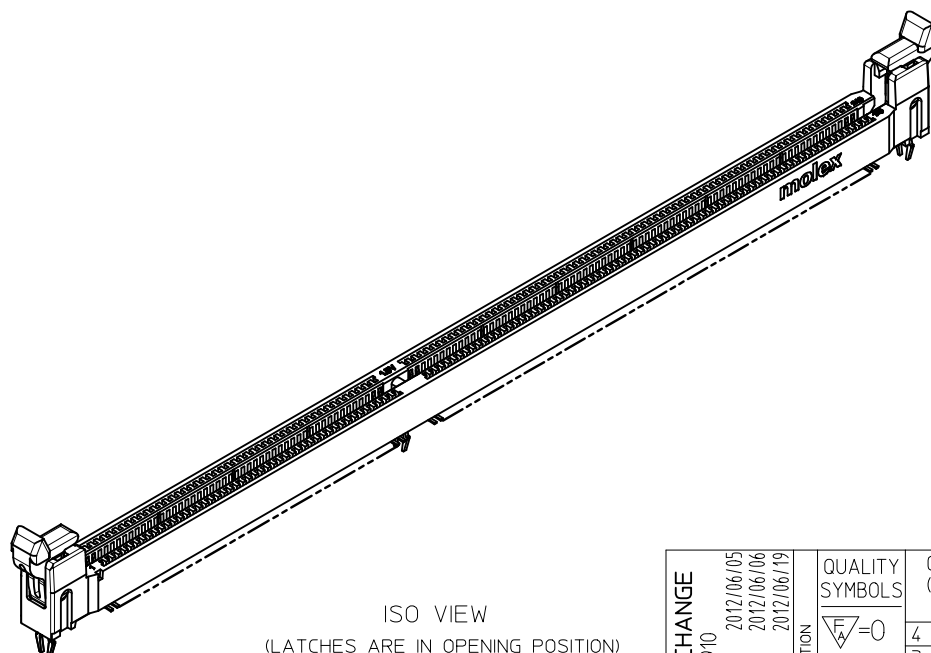


TOP VIEW
(LATCHES ARE IN OPENING POSITION)

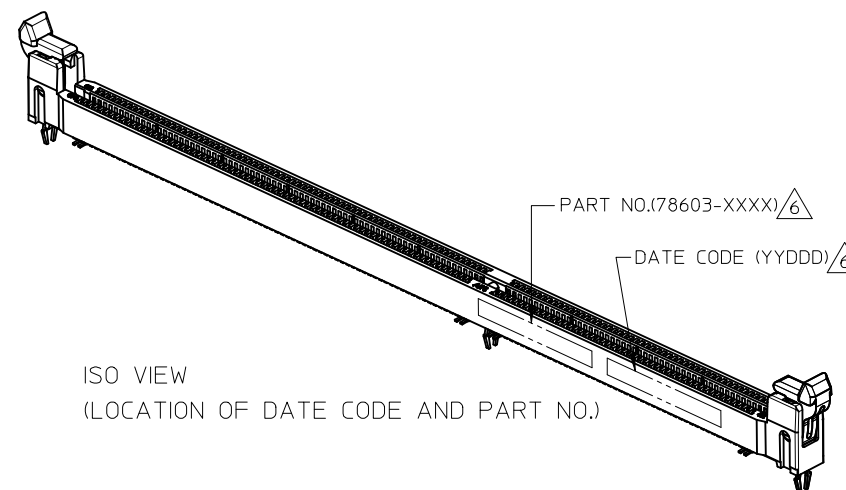
CENTER LINE OF 128.60 MIN FEATURE



BOTTOM VIEW
(LATCHES ARE IN OPENING POSITION)



ISO VIEW
(LATCHES ARE IN OPENING POSITION)

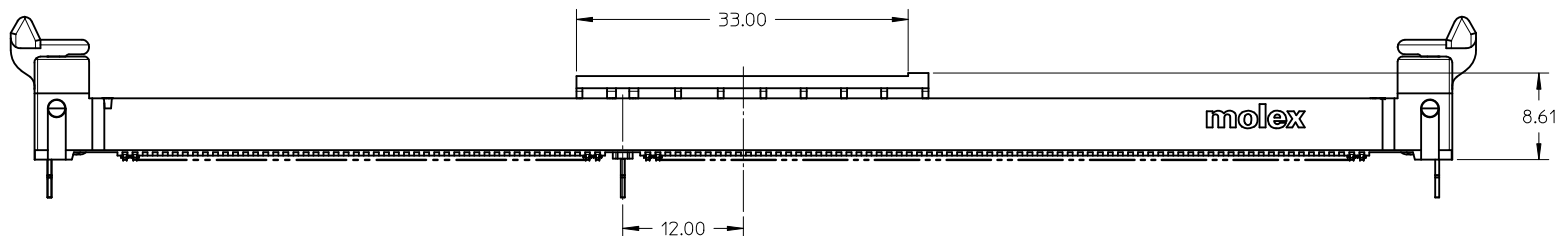


ISO VIEW
(LOCATION OF DATE CODE AND PART NO.)

FORK LOCK CHANGE EC NO: S2012-0910 DRWN: JAKEW CHKD: CGTAN APPR: SHLENI 4	2012/06/05 2012/06/06 2012/06/19	DESCRIPTION REV	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	TITLE 1MM PITCH DDR3 VLP LSP 240CKTS SMT LOWLLCR molex DOCUMENT NO. SD-78603-001 SHEET NO. 2 OF 6	
				mm		INCH	DRAWN BY CCTEH	DATE 2010/03/30				
				4 PLACES ± ---	± ---	CHECKED BY CGTAN	DATE 2010/09/08					
				3 PLACES ± ---	± ---	APPROVED BY SHLENI		DATE 2010/09/08				
				2 PLACES ± 0.20	± ---							
				1 PLACE ± ---	± ---							
				0 PLACE ±	±							
				ANGULAR ± 3 °		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								

10 9 8 7 6 5 4 3 2 1

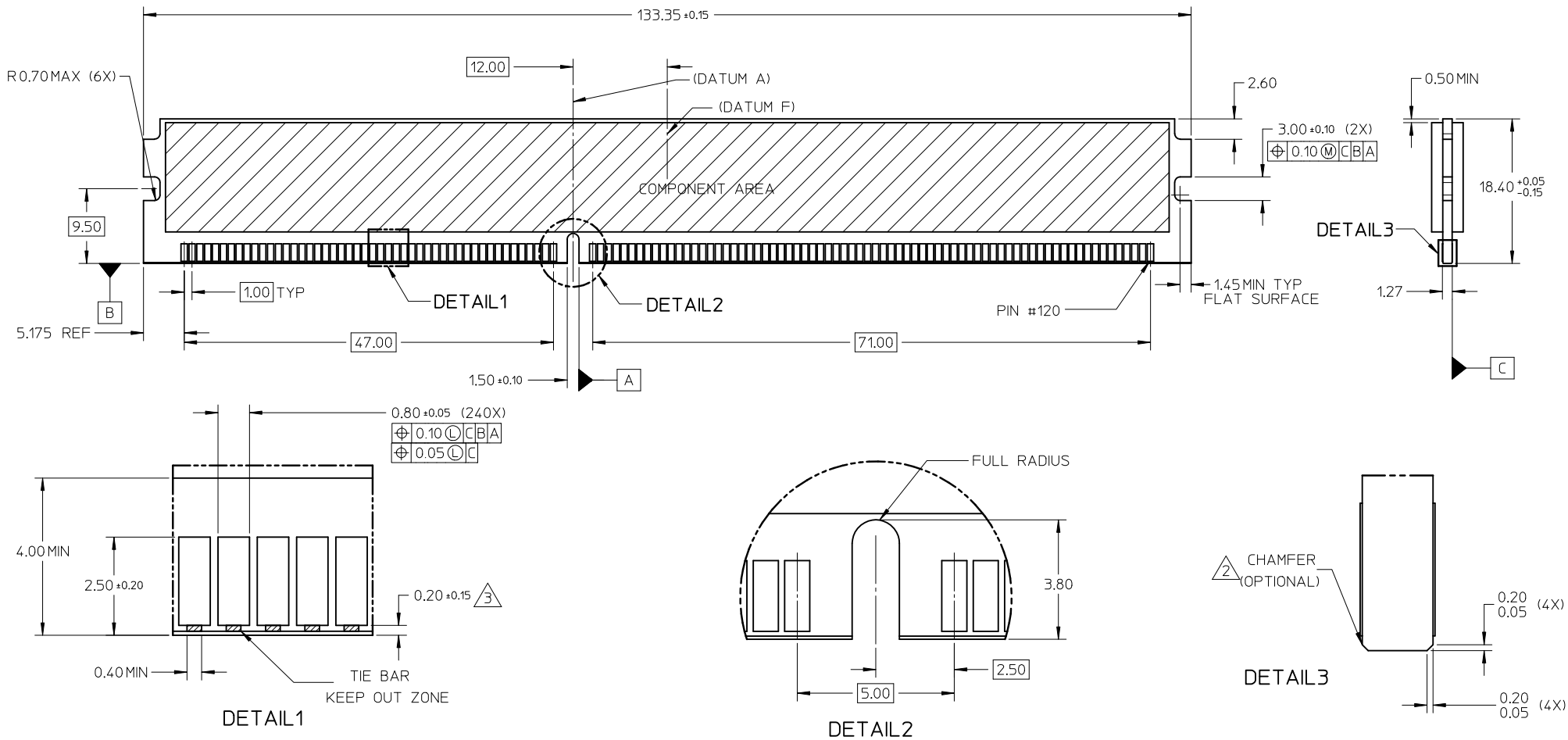
PICK AND PLACE CAP VERSION



FORK LOCK CHANGE EC NO: S2012-0910 DRWN: JAKEEMW 2012/06/05 CHKD: CGTAN 2012/06/06 APPR: SHLENI 2012/06/19	QUALITY SYMBOLS ▽_A=0 ▽_C=0 ▽_F=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY CCTEH	DATE 2010/03/30	TITLE 1MM PITCH DDR3 VLP LSP 240CKTS SMT LOWLLCR	
			4 PLACES ± ---	± ---	CHECKED BY CGTAN	DATE 2010/09/08			
			3 PLACES ± ---	± ---	APPROVED BY SHLENI	DATE 2010/09/08			
			2 PLACES ± 0.20	± ---					
			1 PLACE ± ---	± ---			molex		
			0 PLACE ±	±					
			ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-78603-001		3 OF 6
4	REV		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

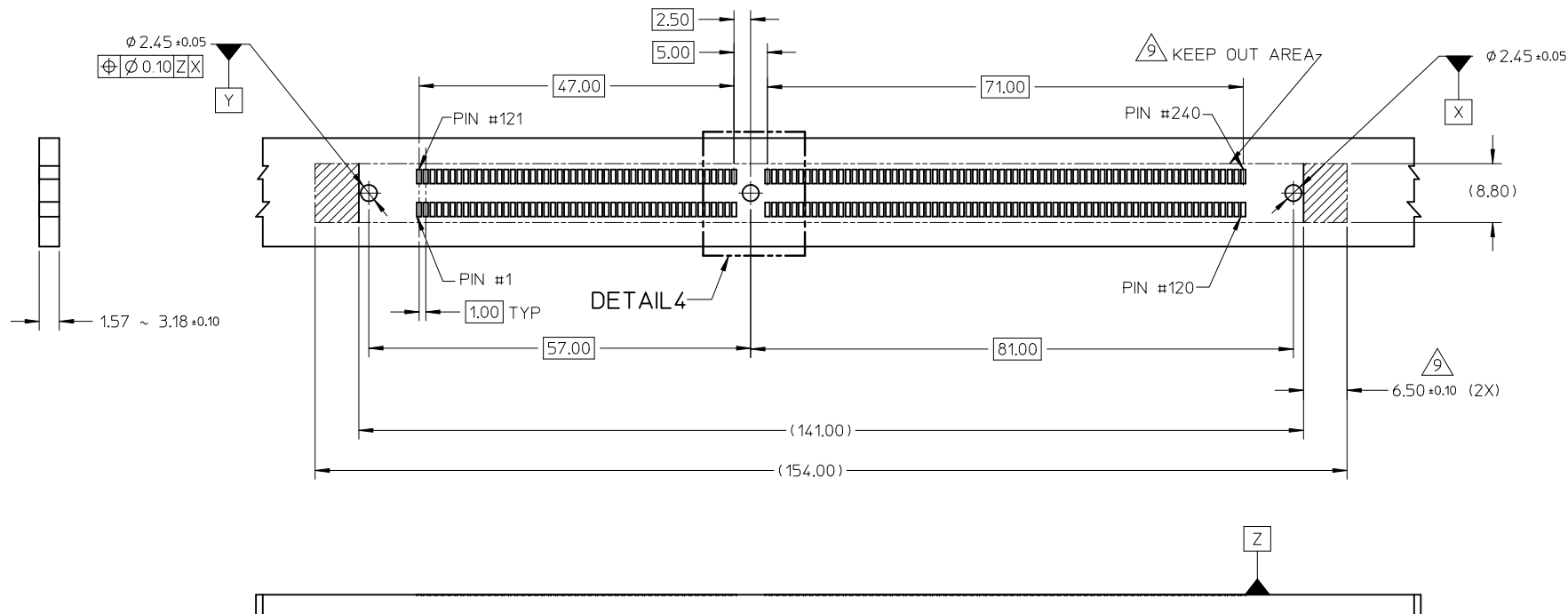
9 8 7 6 5 4 3 2 1

009MODULE CARD
DDR3 DUAL INLINE MEMORY MODULE FAMILY 1.00 CONTACT CENTERS
(JEDEC MO-269, ISSUE A, 12/05)

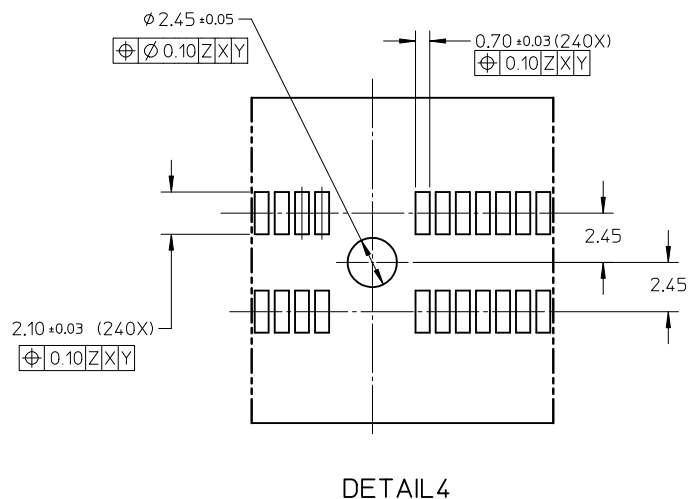


- NOTES:
- RECOMMENDED PLATING FOR CONTACT PADS:
PREFERRED: 0.76 MICROMETERS GOLD PLATING MIN
OVER 2.00 MICROMETERS NICKEL
ALTERNATIVE: 0.05-0.75 MICROMETERS GOLD PLATING
OVER 2.00 MICROMETERS NICKEL MUST
USE AN ELECTRONIC CONTACT GRADE
CORROSIVE BARRIER LUBRICANT
 - CHAMFER IS OPTIONAL AND IS NOT TO HIT THE GOLD PADS
 - LEADING EDGE OF GOLD PADS SPECIFIED BY KEEPOUT ZONE
SHALL BE FREE OF BURRS AND EXTERNAL TIE BARS

FORK LOCK CHANGE EC NO: S2012-0910 DRWN: JAKEENW CHKD: CGTAN APPR: SHLENI REV 4		DESCRIPTION 2012/06/05 2012/06/06 2012/06/19	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 CCTEH	DATE 2010/03/30	TITLE 1MM PITCH DDR3 VLP LSP 240CKTS SMT LOWLLCR								
				4 PLACES	± ---	± ---	CHECKED BY CGTAN	DATE 2010/09/08									
				3 PLACES	± ---	± ---	APPROVED BY SHLENI	DATE 2010/09/08	molex								
				2 PLACES	± 0.20	± ---	MATERIAL NO. SEE TABLE							DOCUMENT NO. SD-78603-001		SHEET NO. 4 OF 6	
				1 PLACE	± ---	± ---											
				0 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					
ANGULAR ± 3 °																	



RECOMMENDED STENCIL THICKNESS = 150 MICROMETERS
RECOMMENDED PCB THICKNESS = 1.57MM ~ 3.18MM



DETAIL 4

FORK LOCK CHANGE EC NO: S2012-0910 DRWN: JAKEEMW CH'KD: CGTAN APPR: SHLENI		2012/06/05 2012/06/06 2012/06/19	DESCRIPTION REV	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			

F

F

E

E

D

D

C

C

B

B

A

A

PART NUMBER	VOLTAGE KEY POSITION	PLATING OPTION	HOUSING COLOR	PICK & PLACE CAP	LATCH COLOR
78603-0001	CENTER 1.5V	0.76 μ -METER /30 μ -INCH MIN. GOLD ON CONTACT 2.54 μ -METER /100 μ -INCH MIN. PURE TIN (MATTE) ON SOLDER TAILS 1.27 μ -METER /50 μ -INCH MIN. NICKEL UNDERPLATE	BLACK	NO	BLACK
78603-0002					NATURAL
78603-0003					BLUE
78603-0501				YES	BLACK
78603-0502					NATURAL
78603-0503					BLUE

FORK LOCK CHANGE EC NO: S2012-0910 DRWN: JAKEEMEW 2012/06/05 CHKD: CGTAN 2012/06/06 APPR: SHLENI 2012/06/19	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
							MM ONLY		NTS	METRIC				
							DRAWN BY	DATE	TITLE					
							CCTEH	2010/03/30						
							CHECKED BY	DATE	1MM PITCH DDR3 VLP LSP 240CKTS SMT LOWLLCR					
							CGTAN	2010/09/08						
							APPROVED BY	DATE	molex					
							SHLENI	2010/09/08						
							MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
							SEE TABLE		SD-78603-001		6 OF 6			
							THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							