



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



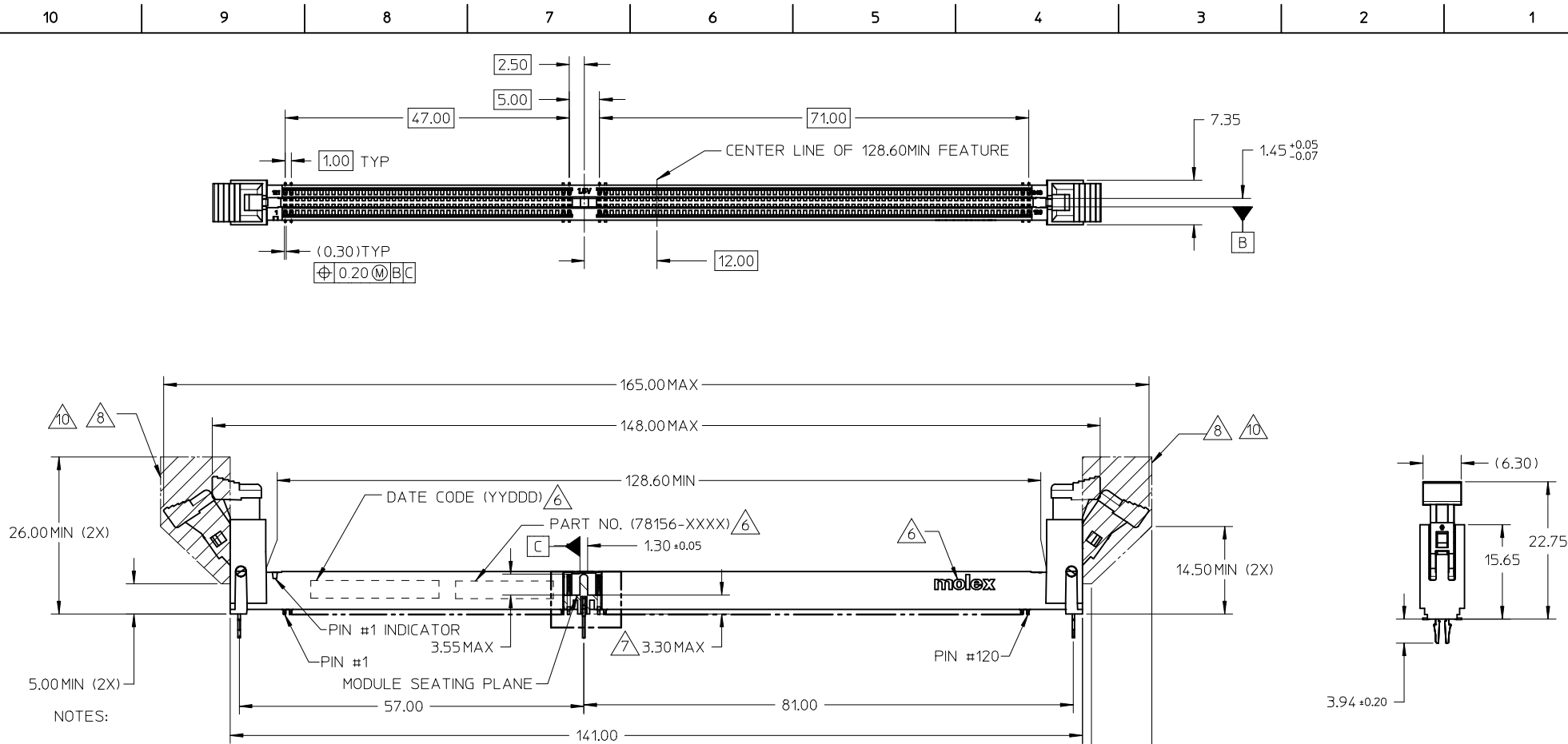
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



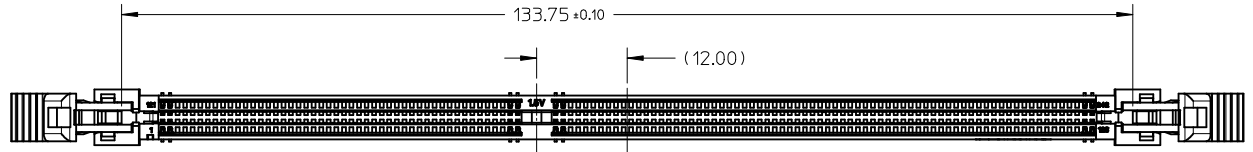


NOTES:

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

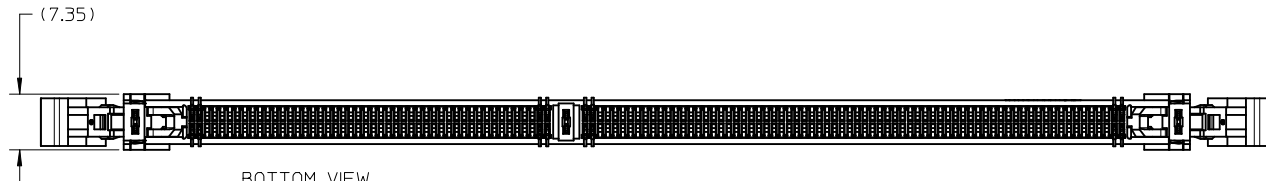
- △6 MOLEX LOGO, DATE & PART NO. INDICATED ON HOUSING.
- △7 MODULE SEATING PLANE FROM TOP OF PCB.
- △8 KEEP OUT ZONE RESERVED FOR LATCH.
- △9 KEEP OUT AREA IS THE AREA WHERE THE CONNECTOR (INCLUDED LATCHES IN OPENING POSITION) IS MOUNTED ON THE PCB.
- △10 KEEP OUT ZONE AS PER JEDEC SO-007.
- △11 △12 FORKLOCK DETAIL VIEW.

REVISED EC NO: S2009-0916 DRWN:CMTEO 2009/06/26 CHKD:CGTAN 2009/06/26 APPR:SHLENI 2009/06/26	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
				MM ONLY	NTS	METRIC				
				mm	INCH	DRAWN BY	DATE	TITLE		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DWLEE01	2007/05/07	DDR3 DIMM, 100MM PITCH 240 CKTS, VERTICAL SMT		
A1	REV			4 PLACES	± ---	± ---	CHECKED BY	DATE	MOLEX INCORPORATED DOCUMENT NO. SD-78156-001 SHEET NO. 1 OF 6	
				3 PLACES	± ---	± ---	YTYANG01	2007/07/06		
				2 PLACES	± 0.2	± ---	APPROVED BY	DATE		
				1 PLACE	± ---	± ---	SHLENI	2007/07/06		
				ANGULAR ± 1 °		MATERIAL NO.		SEE TABLE		
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



TOP VIEW
(LATCHES ARE IN OPENING POSITION)

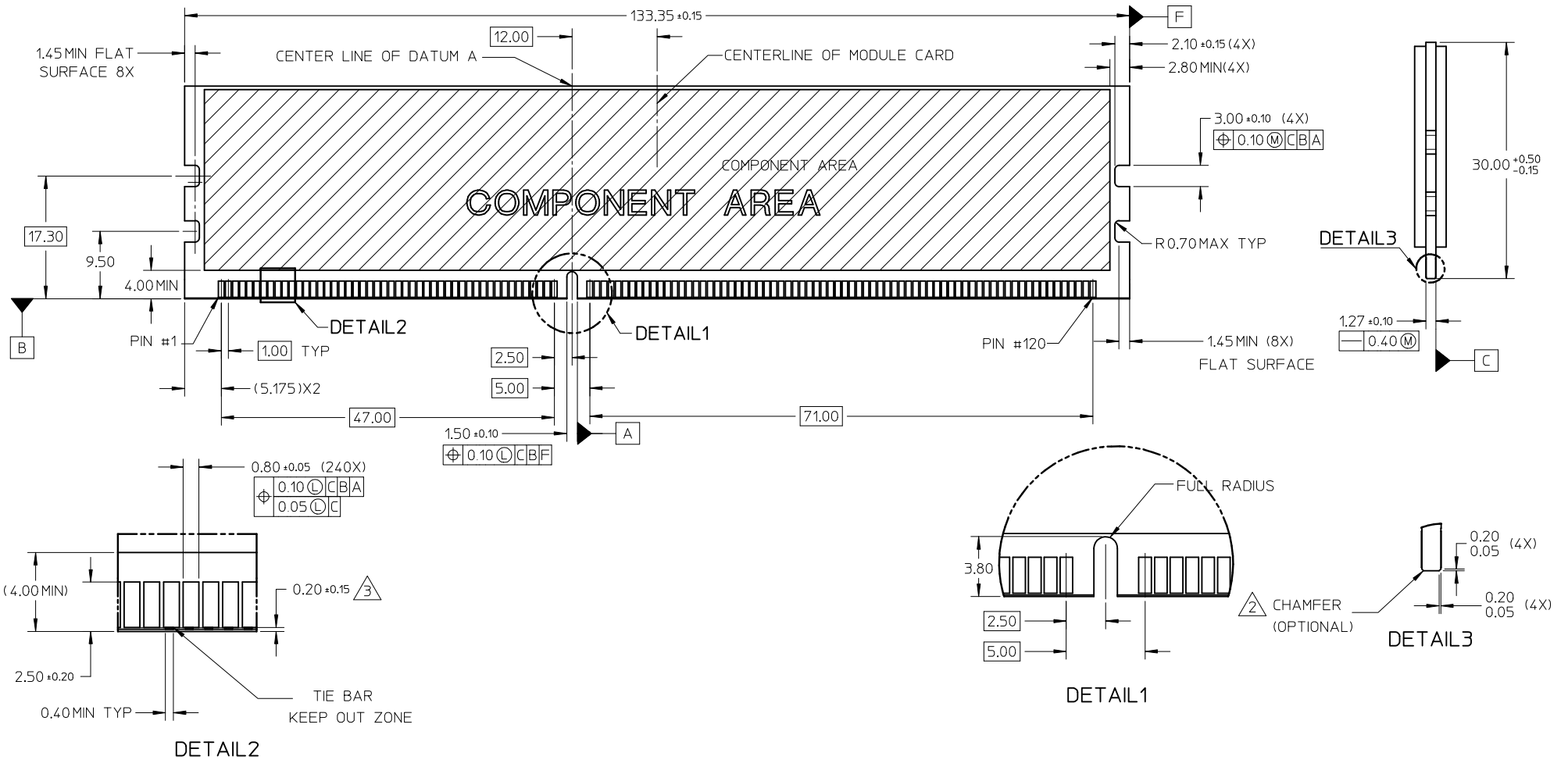
CENTER LINE OF 133.75 FEATURE



BOTTOM VIEW
(LATCHES ARE IN OPENING POSITION)

REVISED EC NO: S2009-0916 DRWN:CMTEO 2009/06/16 CHKD:CGTAN 2009/06/16 APPR:SHLENI 2009/06/16	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	▼=0 Ⓢ=0	mm	INCH	DRAWN BY DWLEE01	DATE 2007/05/07	TITLE DDR3 DIMM, 100MM PITCH 240 CKTS, VERTICAL SMT			
		4 PLACES ± ---	± ---	CHECKED BY YTYANG01	DATE 2007/07/06	MOLEX INCORPORATED DOCUMENT NO. SD-78156-001 SHEET NO. 2 OF 6			
		2 PLACES ± 0.2	± ---	APPROVED BY SHLENI	DATE 2007/07/06				
	1 PLACE ± ---	± ---	ANGULAR ± 1 °		MATERIAL NO. SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
A1	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3					

MODULE CARD
 DDR3 DUAL IN-LINE MEMORY MODULE FAMILY 1.00MM 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.

REVISED EC NO: S2009-0916 DRWN:CMTEO CHKD:CGTAN APPR:SHLENI	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY DWLEE01	DATE 2007/05/07	TITLE DDR3 DIMM, 100MM PITCH 240 CKTS, VERTICAL SMT			
		4 PLACES	± ---	± ---	CHECKED BY YTYANG01	DATE 2007/07/06	MOLEX INCORPORATED			
		3 PLACES	± ---	± ---	APPROVED BY SHLENI	DATE 2007/07/06				
2 PLACES	± 0.2	± ---	ANGULAR ± 1 °		MATERIAL NO.	DOCUMENT NO.	SHEET NO.			
1 PLACE	± ---	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	SEE TABLE				
A1	REV			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SD-78156-001				

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

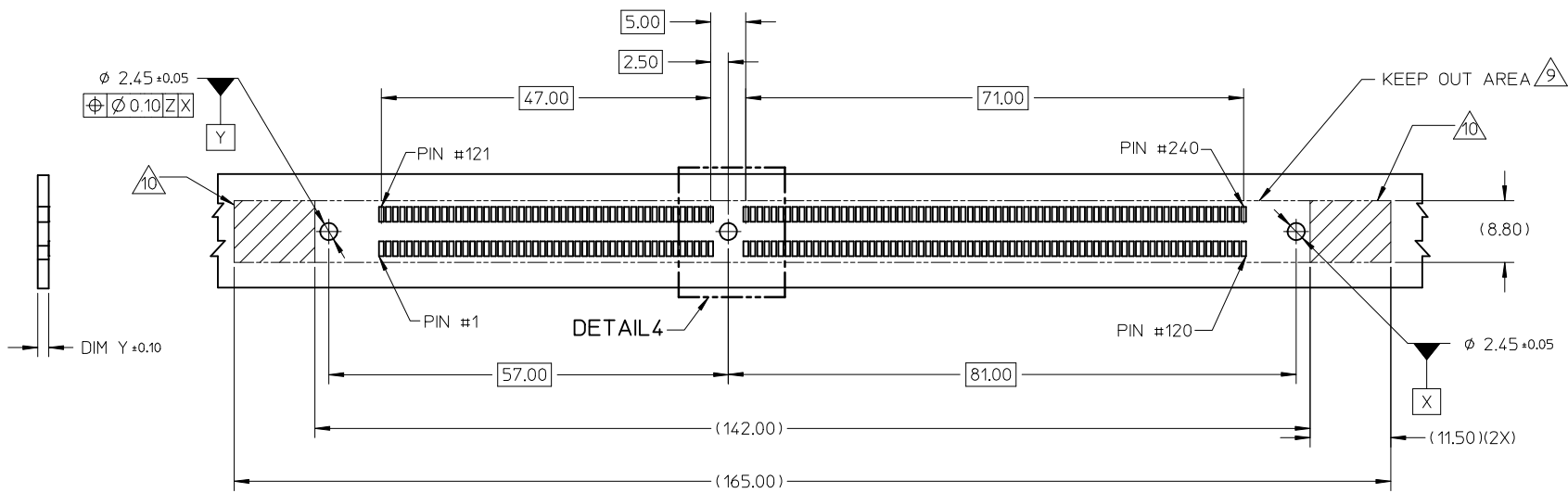
E

D

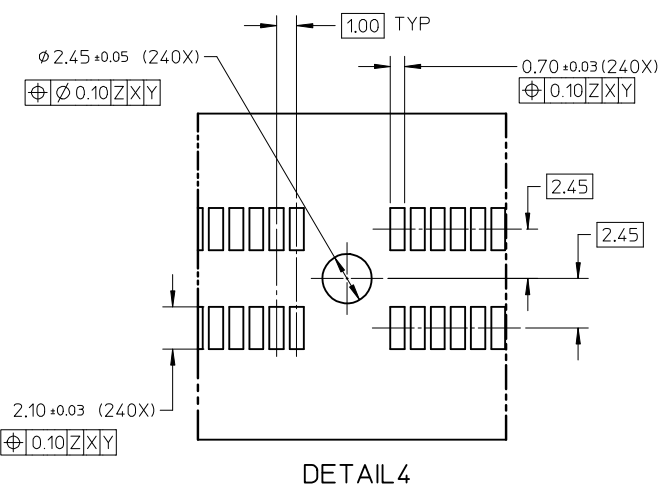
C

B

A



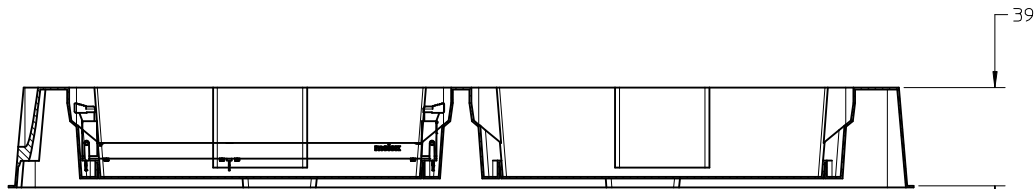
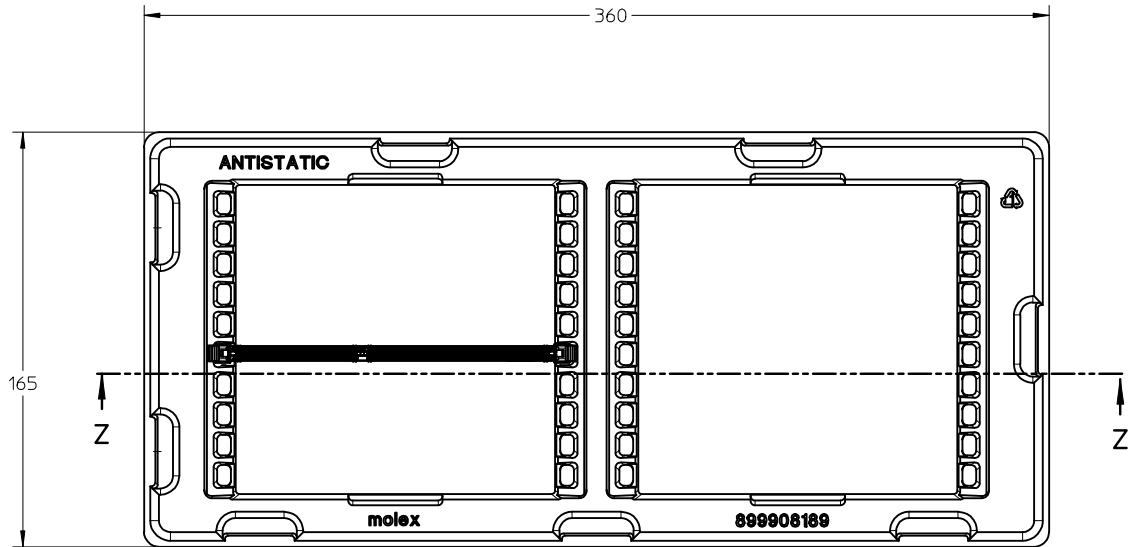
RECOMMENDED PCB THICKNESS 1.57MM TO 3.18MM
 RECOMMENDED STENCIL THICKNESS = 150 MICROMETERS



REVISED EC NO: S2009-0916 DRWN:CMTEO 2009/06/26 CHKD:CGTAN 2009/06/26 APPR:SHLENI 2009/06/26	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	$\nabla=0$ $\nabla C=0$		mm	INCH	DRAWN BY DWLEE01	DATE 2007/05/07	TITLE DDR3 DIMM, 100MM PITCH 240 CKTS, VERTICAL SMT		
		4 PLACES	± ---	± ---	CHECKED BY YTYANG01	DATE 2007/07/06	APPROVED BY SHLENI 2007/07/06		
		3 PLACES	± ---	± ---	MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-78156-001		SHEET NO. 4 OF 6
	2 PLACES	± 0.2	± ---	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			
	1 PLACE	± ---	± ---	SIZE A3					
	ANGULAR ± 1 °								

9 8 7 6 5 4 3 2 1

VIEW OF PACKAGING TRAY



SECTION Z-Z

NOTE:

1. CAVITY QTY ; 20PCS

REVISED IEC NO: S2009-0916 DRW:CMTEO CHKD:GTTAN APPR:SHLENI	2009/06/26 2009/06/26 2009/06/26	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
										TITLE DDR3 DIMM, 100MM PITCH 240 CKTS, VERTICAL SMT
					4 PLACES ± --- ± ---	DRAWN BY DWLEE01	DATE 2007/05/07	MOLEX INCORPORATED DOCUMENT NO. SD-78156-001		
					3 PLACES ± --- ± ---	CHECKED BY YTYANG01	DATE 2007/07/06			
			2 PLACES ± 0.2 ± ---	APPROVED BY SHLENI		DATE 2007/07/06				
			1 PLACE ± --- ± ---	MATERIAL NO. SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
			ANGULAR ± 1 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					

F

F

E

E

D

D

C

C

B

B

A

A

PART NO.	VOLTAGE KEY POS.	DIM X	PCB THICKNESS DIM Y (mm)	PLATING OPTION	HOUSING COLOUR	LATCH COLOUR	PRODUCT SPEC.
78156-0001	CENTER (1.5)	3.94	1.57 - 3.18	0.76 MICROMETER/ 30 MICROINCH MIN. GOLD ON CONTACT 2.54 MICROMETER/ 100 MICROINCH MIN. PURE TIN (MATTE) ON SOLDERTAILS 1.27 MICROMETER/ 50 MICROINCH MIN. NICKEL UNDERPLATE	BLACK	BLACK	PS-78156-001
78156-0003		3.94	1.57 - 3.18		NATURAL (IVORY)	NATURAL (IVORY)	
78156-0005		3.94	1.57 - 3.18		BLACK	NATURAL (IVORY)	
78156-0102		3.94	1.57 - 3.18	0.38 MICROMETER/ 15 MICROINCH MIN. GOLD ON CONTACT 2.54 MICROMETER/ 100 MICROINCH MIN. PURE TIN (MATTE) ON SOLDERTAILS 1.27 MICROMETER/ 50 MICROINCH MIN. NICKEL UNDERPLATE	NATURAL (IVORY)	NATURAL (IVORY)	PS-78156-002

REVISED EC NO: S2009-0916 DRWN:CMTEO CHKD:CGTAN APPR:SHLENI	2009/06/26 2009/06/26 2009/06/26	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0 □=0		mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1 °	MM ONLY	NTS	METRIC	DRAWN BY: DWLEE01 DATE: 2007/05/07 CHECKED BY: YTYANG01 DATE: 2007/07/06 APPROVED BY: SHLENI DATE: 2007/07/06	TITLE: DDR3 DIMM, 100MM PITCH 240 CKTS, VERTICAL SMT	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE	MATERIAL NO.	DOCUMENT NO.		MOLEX INCORPORATED SD-78156-001		SHEET NO.
			SIZE: A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					