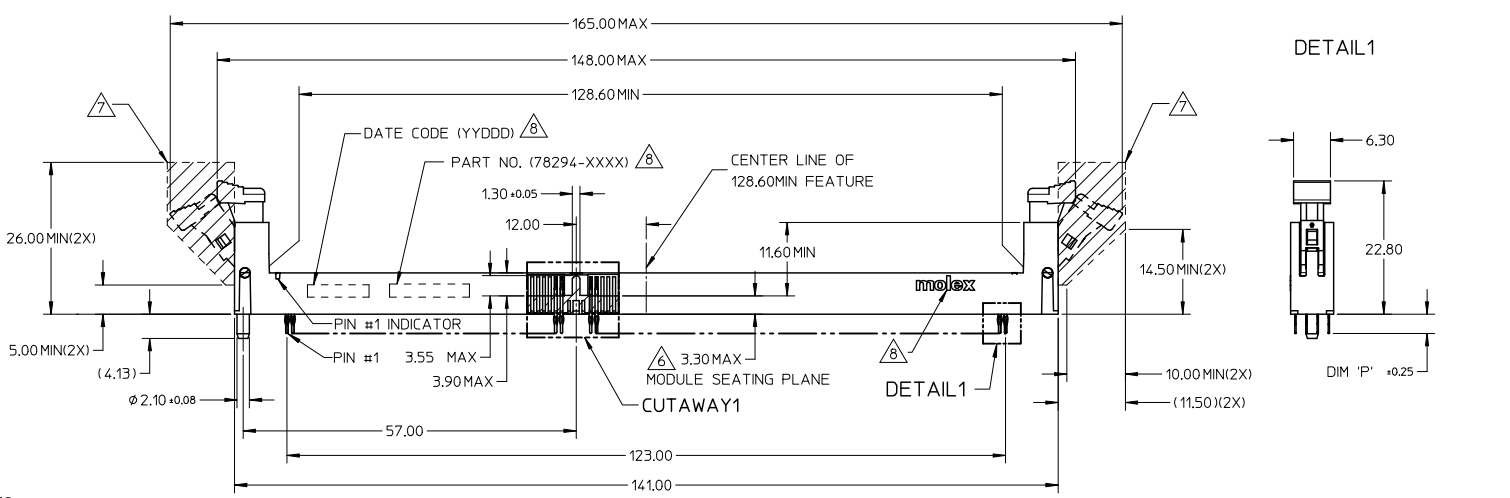
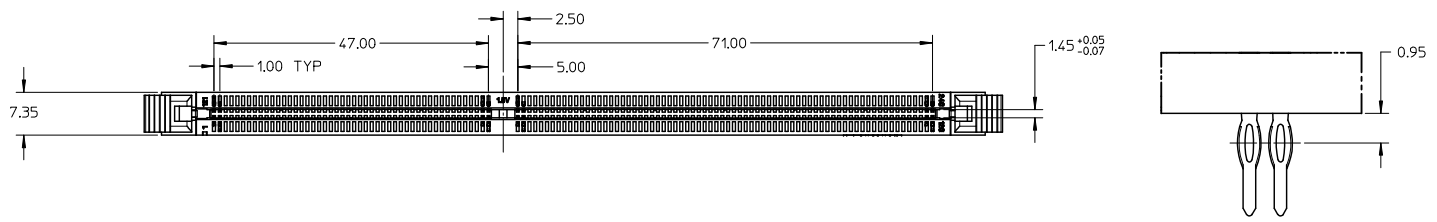


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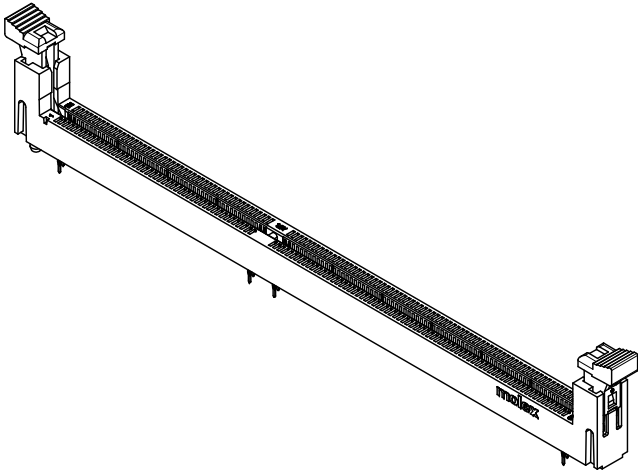
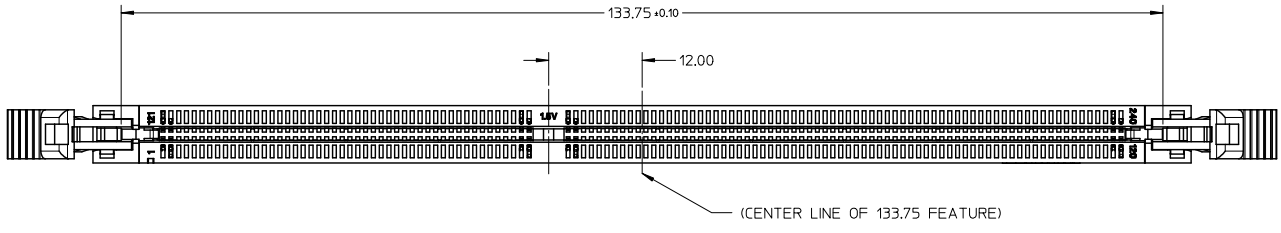


- NOTES:
- MATERIALS
HOUSING - HIGH TEMP NYLON GLASS FILLED, UL 94V-0, COLOUR - SEE TABLE
LATCH - HIGH TEMP NYLON, COLOUR: BLACK OR NATURAL - SEE TABLE
- POLYSULFONE, UL 94HB - CLEAR
TERMINAL - PHOSPHOR BRONZE
 - FINISHES - SEE TABLE.
 - PRODUCT SPECIFICATION: SEE TABLE.
 - PACKAGING SPECIFICATION: PRODUCT SHALL BE PACKED IN TRAY - SEE SHEET 6 .
 - CARD SLOT ACCEPTS 1.27±0.10MM MODULE THICKNESS. (MEASURED FROM P.C.PADS).
- △ MODULE SEATING PLANE FROM TOP OF PCB.
 - △ KEEP OUT ZONE RESERVED FOR LATCH.
 - △ MOLEX LOGO, DATE & PART NO. INDICATED ON HOUSING.

UPDATE VIEW EDC NO: S2009-06682 DRAWN: CMTEO CHYK: CJGTAN APPR: SHLENI 2009/03/27 2009/03/27 2009/03/28	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
			MM ONLY	NTS	METRIC		
			DATE	DATE	TITLE	DDR3 DIMM, 100MM PITCH 240 CKTS VERTICAL PRESS-FIT MOLEX INCORPORATED	
			DATE	DATE	DATE	DATE	DATE
			APPROVED BY	DATE			
			SHLENI	2007/10/10			
			MATERIAL NO.	SEE TABLE	DOCUMENT NO.	SHEET NO.	
					SD-78294-001	1 OF 8	
			SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
			A3				

tb_frame_A3_P_AM_T
Rev. E 2006/04/15

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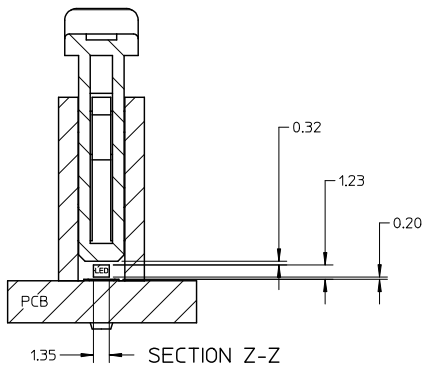
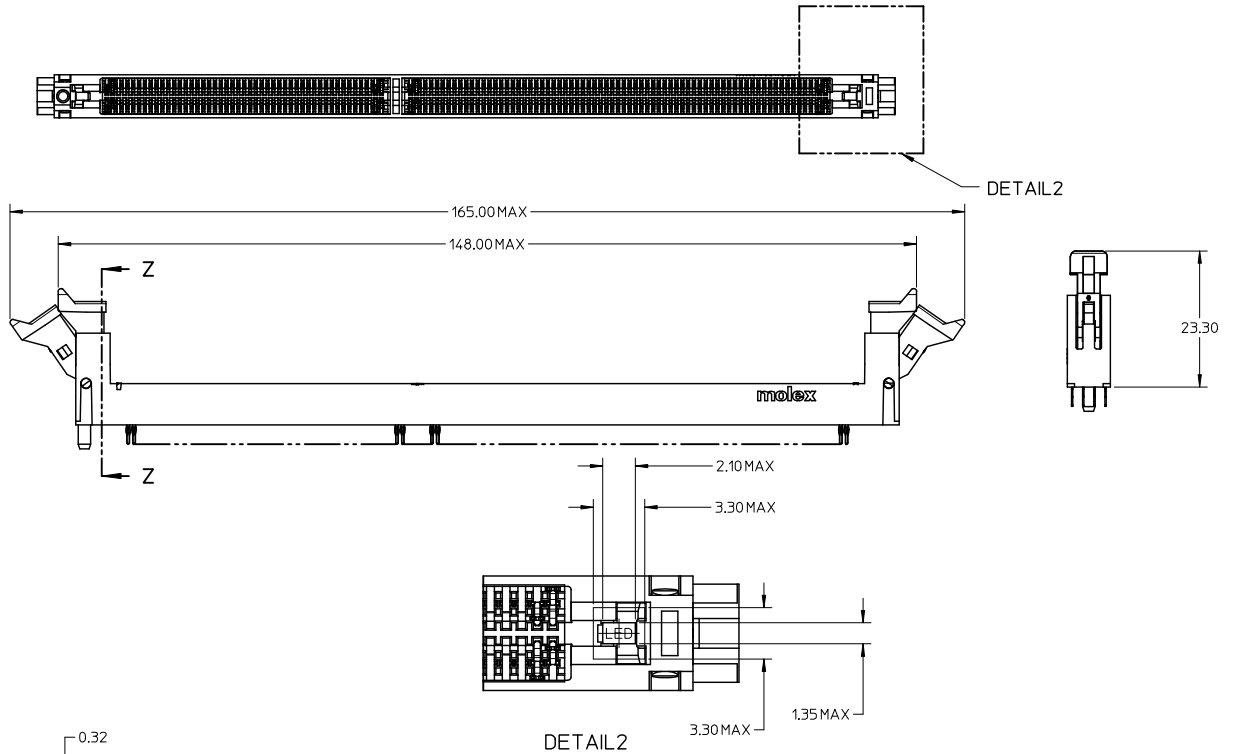


UPDATE VIEW EEC NO: S2009-06682 DRAWN: CMTEO 2009/03/27 CHECKED: CJTAN 2009/03/27 APPR: SHLENI 2009/03/28	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1°	MM ONLY	NTS	METRIC	
	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: CMTEO DATE: 2007/08/29 CHECKED BY: CCTEH DATE: 2007/10/09 APPROVED BY: SHLENI DATE: 2007/10/10	TITLE	DDR3 DIMM, 100MM PITCH 240 CKTS VERTICAL PRESS-FIT	
	REV		SEE TABLE	MOLEX INCORPORATED SD-78294-001		SHEET NO. 2 OF 8

tb_frame_A3_P_AM_T
Rev. E 2006/04/15

9 8 7 6 5 4 3 2 1

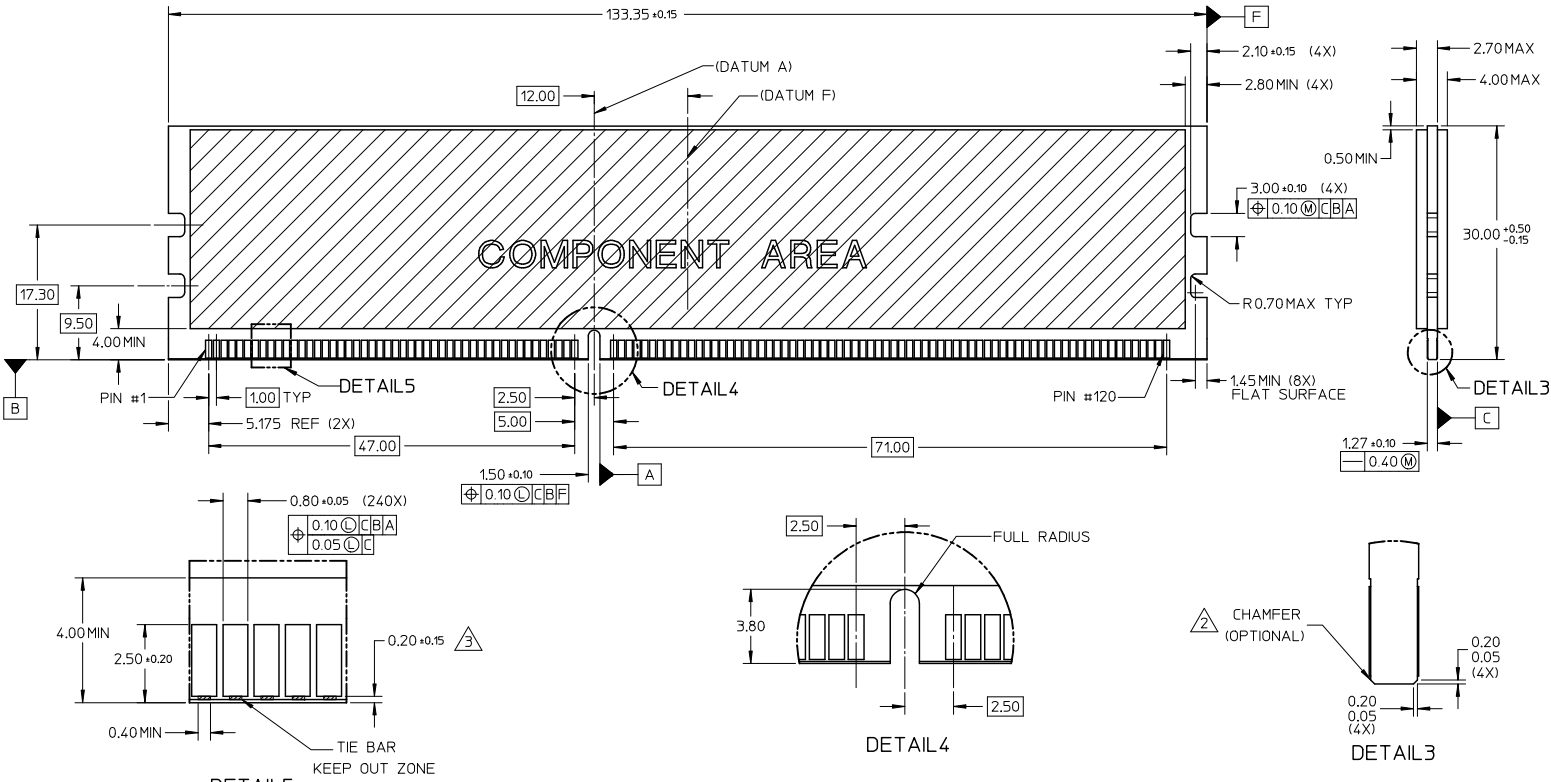
CONNECTOR WITH CLEAR LATCH



UPDATE VIEW EEC NO: S22009-06682 DRAWN: CMTEO 2009/03/27 CHECKED: CJTAN 2009/03/27 APPR: SHLENI 2009/03/28	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY CMTEO	DATE 2007/08/29	TITLE DDR3 DIMM, 100MM PITCH 240 CKTS VERTICAL PRESS-FIT			
		4 PLACES	±	---	CHECKED BY CJTEH	DATE 2007/10/09	MOLEX INCORPORATED			
		3 PLACES	±	---	APPROVED BY SHLENI	DATE 2007/10/10	MATERIAL NO. SEE TABLE			
2 PLACES	±	0.2	ANGULAR ± 1°		DOCUMENT NO. SD-78294-001		SHEET NO. 3 OF 8			
1 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					

10 9 8 7 6 5 4 3 2 1

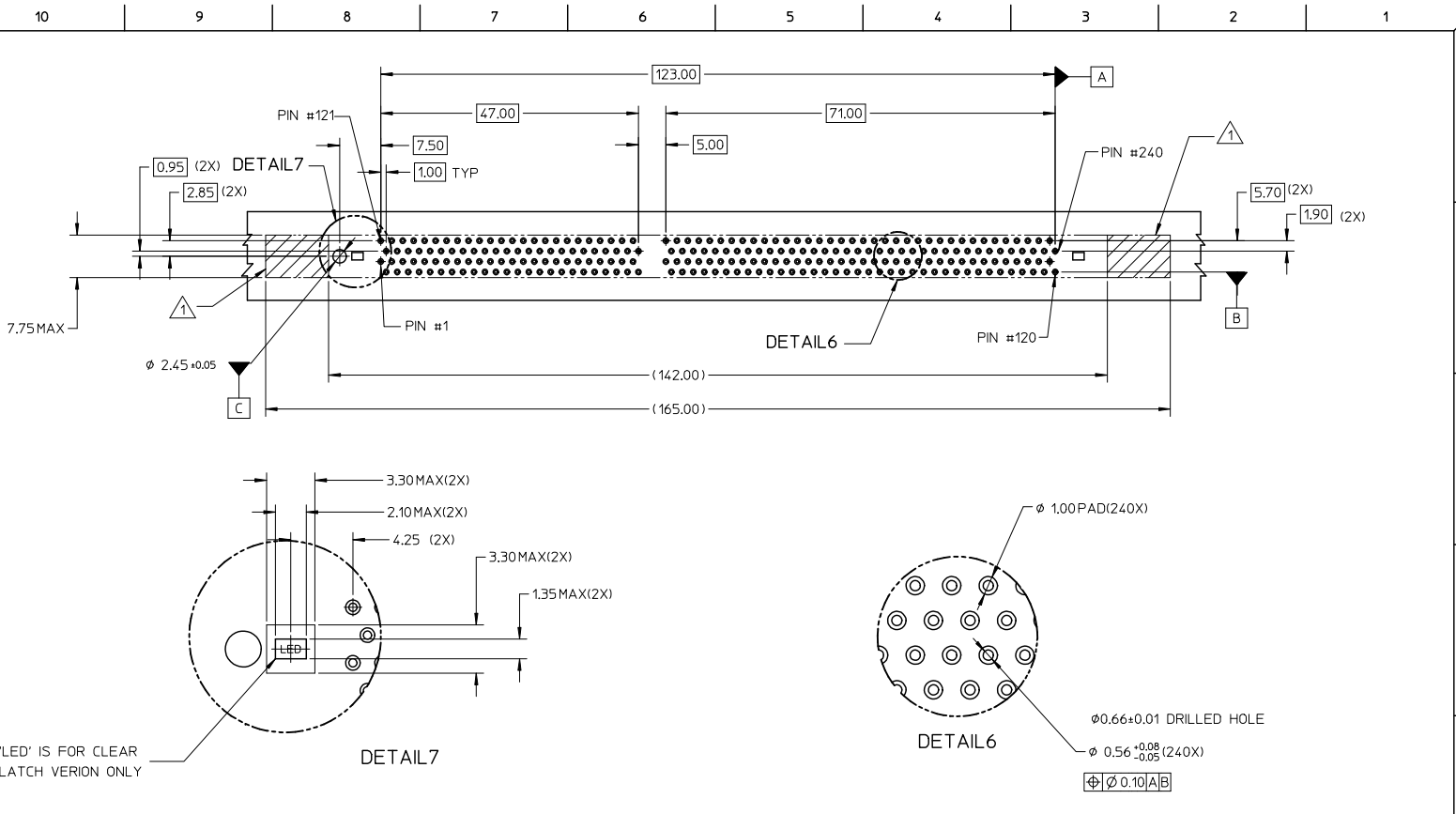
MODULE CARD
DDR3 DUAL IN-LINE MEMORY MODULE FAMILY 1.00MM CONTACT CENTERS
(JEDEC MO-269, ISSUE A, 12/05)



NOTES:
1. 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
2. CHAMFER IS OPTIONAL AND IS NOT TO HIT THE GOLD PADS
3. LEADING EDGE OF GOLD PADS SPECIFIED BY KEEPOUT ZONE SHALL BE FREE OF BURRS AND EXTERNAL TIE BARS.

UPDATE VIEW EIC NO: S22009-06682 DRWN:CMTEO 2009/03/27 CHYK:CGTAN 2009/03/27 APPR:SHLENI 2009/03/28	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 ± 0.2 ± ---	1 PLACE ± --- ± ---	ANGULAR ± 1°	DRAWN BY CMTEO	DATE 2007/08/29	TITLE DDR3 DIMM, 1.00MM PITCH 240 CKTS VERTICAL PRESS-FIT	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		MATERIAL NO.	APPROVED BY SHLENI	DATE 2007/10/10	MOLEX INCORPORATED	
						SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DOCUMENT NO. SD-78294-001	SHEET NO. 4 OF 8

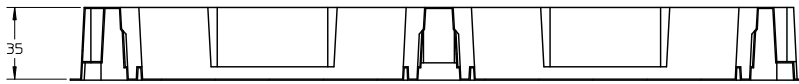
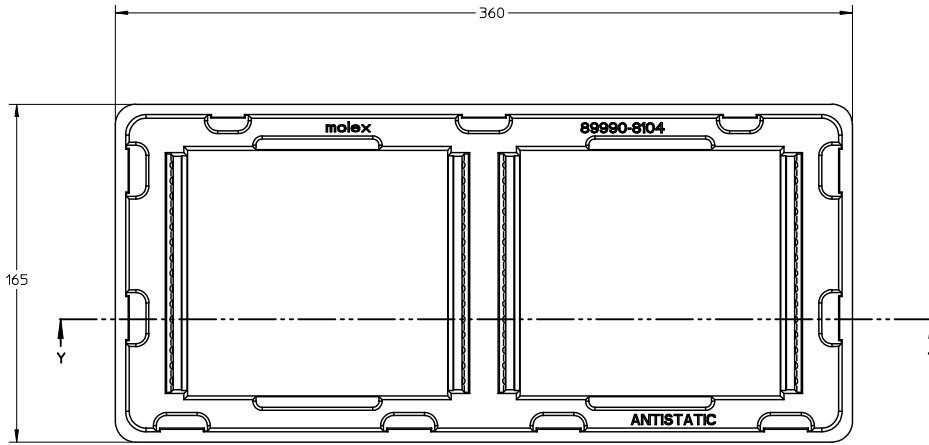
tb_frame_A3_P_AM_T
Rev. E 2006/04/15



NOTE:
 ⚠ KEEP OUT AREA IS THE AREA WHERE THE CONNECTOR (INCLUDING LATCH) IS MOUNTED ON THE PCB.

UPDATE VIEW EEC NO: S2209-0682 DRAWN: CMTEO 2009/03/27 CHECKED: CJTAN 2009/03/27 APPR: SHLENI 2009/03/28 REV: A4	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																											
	$\nabla=0$ $\nabla=0$	<table border="1"> <tr><th></th><th>mm</th><th>INCH</th></tr> <tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>2 PLACES</td><td>± 0.2</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.2	± ---	1 PLACE	± ---	± ---	<table border="1"> <tr><th>DRAWN BY</th><th>DATE</th></tr> <tr><td>CMTEO</td><td>2007/08/29</td></tr> <tr><th>CHECKED BY</th><th>DATE</th></tr> <tr><td>CJTEH</td><td>2007/10/09</td></tr> <tr><th>APPROVED BY</th><th>DATE</th></tr> <tr><td>SHLENI</td><td>2007/10/10</td></tr> </table>	DRAWN BY	DATE	CMTEO	2007/08/29	CHECKED BY	DATE	CJTEH	2007/10/09	APPROVED BY	DATE	SHLENI	2007/10/10	TITLE		
		mm	INCH																														
	4 PLACES	± ---	± ---																														
3 PLACES	± ---	± ---																															
2 PLACES	± 0.2	± ---																															
1 PLACE	± ---	± ---																															
DRAWN BY	DATE																																
CMTEO	2007/08/29																																
CHECKED BY	DATE																																
CJTEH	2007/10/09																																
APPROVED BY	DATE																																
SHLENI	2007/10/10																																
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	DDR3 DIMM, 100MM PITCH 240 CKTS VERTICAL PRESS-FIT MOLEX INCORPORATED	DOCUMENT NO. SD-78294-001	SHEET NO. 5 OF 8																													
	SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																															

VIEW OF PACKAGING TRAY



SECTION Y-Y

NOTE:
1. CAVITY QTY : 30PCS

UPDATE VIEW E.C. NO: S22009-0682 DRAWN: CMTEO 2009/03/27 CHECKED: CHYKCCGTAN 2009/03/27 APPR: SHLENI 2009/03/28	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: CMTEO DATE: 2007/08/29 CHECKED BY: CTEH DATE: 2007/10/09 APPROVED BY: SHLENI DATE: 2007/10/10
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE TABLE	TITLE DDR3 DIMM, 100MM PITCH 240 CKTS VERTICAL PRESS-FIT	MOLEX INCORPORATED		SHEET NO. 6 OF 8
	SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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TIN OPTION

PART NO.	VOLTAGE KEY POS.	VOLTAGE	DIM 'P'	RECOMMENDED PCB THICKNESS	PLATING OPTION	HOUSING COLOUR	LATCH COLOUR	PRODUCT SPECIFICATION		
78294-0001	CENTER	1.5V	3.30	3.60	CONTACT AREA: 0.76 MICROMETER/ 30 MICROINCH MIN. GOLD OVER 1.27 MICROMETER/ 50 MICROINCH MIN NICKEL UNDERPLATE	BLACK	BLACK	PS-78294-002		
78294-0002			4.20	4.57		BLACK	CLEAR			
78294-0005			3.30	3.60						
78294-0006			4.20	4.57		NATURAL (OFF WHITE)	NATURAL (OFF WHITE)			
78294-0007			3.30	3.60						
78294-0008			4.20	4.57		BLACK	NATURAL (OFF WHITE)			
78294-0009			3.30	3.60						
78294-0010			4.20	4.57		CONTACT AREA: 0.38 MICROMETER/ 15 MICROINCH MIN. GOLD OVER 1.27 MICROMETER/ 50 MICROINCH MIN NICKEL UNDERPLATE	BLACK		BLACK	PS-78294-001
78294-0003			3.30	3.60			BLACK		CLEAR	
78294-0004			4.20	4.57						
78294-0105	3.30	3.60	SOLDER-TAIL: 0.38-1.52 MICROMETER/15-60 MICROINCH TIN OVER 1.27MICROMETER/ 50 MICROINCH MIN NICKEL UNDERPLATE	BLACK	CLEAR					
78294-0106	4.20	4.57								

UPDATE VIEW EC NO: S2009-0682 2009/03/27 DRW:CMTEO 2009/03/27 CHKD:CCJAN 2009/03/28 APPR:SHLENI 2009/03/28 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$ $\sphericalangle=0$	mm INCH	MM ONLY	NTS	METRIC	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1°	DRAWN BY DATE CMTEO 2007/08/29 CHECKED BY DATE CCTEH 2007/10/09 APPROVED BY DATE SHLENI 2007/10/10	TITLE	DDR3 DIMM, 100MM PITCH 240 CKTS VERTICAL PRESS-FIT	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE TABLE	MOLEX INCORPORATED DOCUMENT NO. SD-78294-001	SHEET NO.	7 OF 8	

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

TIN/LEAD OPTION

PART NO.	VOLTAGE KEY POS.	VOLTAGE	DIM 'P'	RECOMMENDED PCB THICKNESS	PLATING OPTION	HOUSING COLOUR	LATCH COLOUR	PRODUCT SPECIFICATION		
78294-0011	CENTER	1.5V	3.30	3.60	CONTACT AREA: 0.76 MICROMETER/ 30 MICROINCH MIN. GOLD OVER 1.27 MICROMETER/ 50 MICROINCH MIN NICKEL UNDERPLATE SOLDER-TAIL: 0.38-1.52 MICROMETER/15-60 MICROINCH TIN/LEAD OVER 1.27MICROMETER/ 50 MICROINCH MIN NICKEL UNDERPLATE	BLACK	BLACK	PS-78294-002		
78294-0012			4.20	4.57						
78294-0015			3.30	3.60						
78294-0016			4.20	4.57						
78294-0017			3.30	3.60						
78294-0018			4.20	4.57						
78294-0019			3.30	3.60						
78294-0020			4.20	4.57						
78294-0013			3.30	3.60		CONTACT AREA: 0.38 MICROMETER/ 15 MICROINCH MIN. GOLD OVER 1.27 MICROMETER/ 50 MICROINCH MIN NICKEL UNDERPLATE	BLACK		BLACK	PS-78294-001
78294-0014			4.20	4.57						
78294-0115			3.30	3.60		SOLDER-TAIL: 0.38-1.52 MICROMETER/15-60 MICROINCH TIN/LEAD OVER 1.27MICROMETER/ 50 MICROINCH MIN NICKEL UNDERPLATE	BLACK		CLEAR	
78294-0116			4.20	4.57						

UPDATE VIEW EC NO: S22009-0682 DRAWN: CMTEO 2009/03/27 CHECKED: CJTAN 2009/03/27 APPR: SHLENI 2009/03/28 A4	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			mm	INCH	DRAWN BY CMTEO	DATE 2007/08/29	TITLE DDR3 DIMM, 100MM PITCH 240 CKTS VERTICAL PRESS-FIT	
		4 PLACES	± ---	± ---	CHECKED BY CCTEH	DATE 2007/10/09	MOLEX INCORPORATED DOCUMENT NO. SD-78294-001 SHEET NO. 8 OF 8	
		3 PLACES	± ---	± ---	APPROVED BY SHLENI	DATE 2007/10/10		
2 PLACES	± 0.2	± ---	MATERIAL NO. SEE TABLE		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
1 PLACE	± ---	± ---	ANGULAR ± 1 °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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