



**DOCUMENT TITLE:  
MARKETING OUTLINE, 10MM X 10MM, 81BALLS, CSBGA,2 LAYER 1.00 MM  
PITCH**

**DOC ID # 21-0360                      NEW REV:    A**

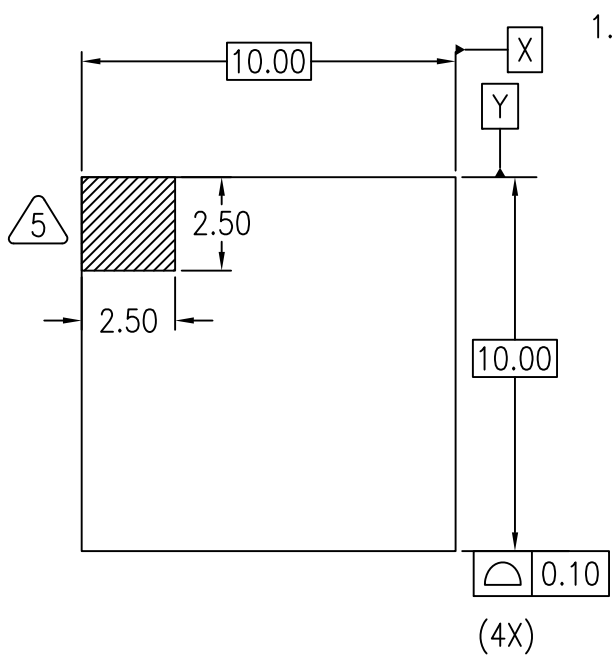
**ECN#: HQ-08-5701                      EFFECTIVE DATE: 07/15/08**

**ORIGINATOR: JEFF WALKER**

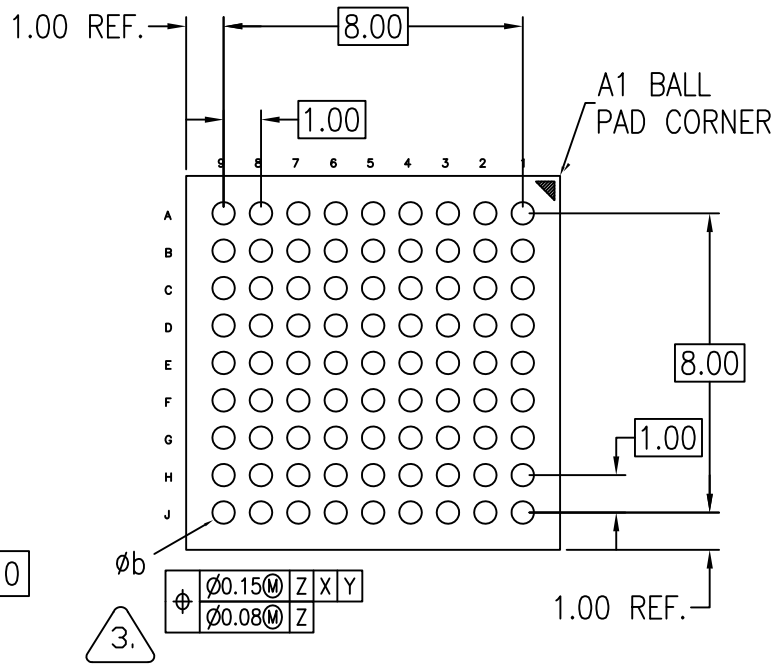
**MOST RECENT CHANGES**

<b>FROM</b>	<b>TO</b>
DALLAS DOCUMENT CONTROL SYSTEM DOC ID# 56-G6009-001 LOGO-DALLAS/MAXIM	INITIAL RELEASE INTO MAXIM DOCUMENT CONTROL LOGO-MAXIM

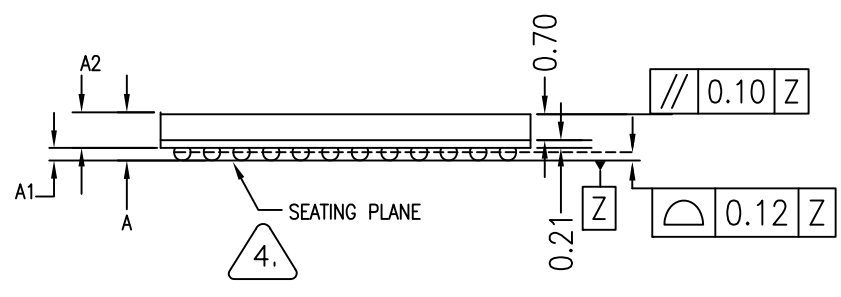
REVISIONS			
LTR.	DESCRIPTION	DATE	APPROVED
A			



TOP VIEW



BOTTOM VIEW  
(BALL SIDE)



SIDE VIEW

DIM	MIN	NOM	MAX
A	1.28	1.38	1.48
A1	0.42	0.47	0.52
A2	0.85	0.91	0.97
b	0.55	0.60	0.65
NUMBER OF BALLS 81			

NOTES:

1. DIMENSION IS MM.
2. THE BASIC SOLDER BALL GRID PITCH IS 1.00 MM.
3. DIMENSION IS MEASURED AT THE MAXIMUM SOLDER BALL DIAMETER, PARALLEL TO PRIMARY DATUM C.
4. PRIMARY DATUM C AND SEATING PLANE ARE DEFINED BY THE SPHERICAL CROWNS OF THE SOLDER BALLS.
5. A1 BALL PAD CORNER I.D. PIN 1 IDENTIFIER CAN BE CHAMFER, INK MARK, METALLIZED MARK OR SHINY DOT, MUST BE BUT LOCATED WITHIN ZONE INDICATED.

SIGNATURE		DATE		<b>MAXIM</b>			
DDC. CONTROL:							
ENGR. MGR:				SIZE	FSCM NO.	PART NO.	REV.
MFG. ENGR:				A		21-0360	A
CHECKED BY:		S CHINNUSAMY 08/06		SCALE N/A			
DRAWN BY:		JFD 08/06		SHEET 1 of 1			

### REVISION HISTORY

REV	CHANGES MADE	DATE	INIT.
A	ECN# HQ-08-5701. INITIAL RELEASE INTO MAXIM DOCUMENT CONTROL. LOGO-MAXIM	07/15/08	JW



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LAYER 1.00 MM PITCH

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**REVISION**  
A

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