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REVISION HISTORY						
REV	DCN NUMBER	DESCRIPTION	ORIGINATOR	DATABASE FILE NAME	GERBER FILE NAME	INCORPORATOR
07	C13642	ADDED 416, 452, 456 SOLDER BALLS	DARNO	N/A	N/A	BDUND
08	C13839	ADDED TEPBGA-2 PACKAGE	DARNO	N/A	N/A	DARNO
09	C16725	ADDED 496 SOLDER BALLS AVAILABLE MARKING AREA WAS 17.8	HWAKIM	N/A	N/A	DARNO
10	C16612	ADDED 352 SOLDER BALLS CAP TOLERANCE WAS 24.00 +0.70/-0.05	DARNO	N/A	N/A	DARNO
11	C17997	S/B POSITION TOLERANCE WAS 0.25/0.15 TEPBGA/TEPBGA-2 WAS 0.61 THICK	DARNO	N/A	N/A	DARNO

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8. REFERENCE SPECIFICATIONS:

- A. AAWW SPEC #001-0531-2234: PACKING OPERATION PROCEDURE.
B. AAWW SPEC #001-0519-2062: MARKING.
C. THIS DRAWING CONFORMS TO THE JEDEC REGISTERED OUTLINE MS-034/A VARIATION AAL-1.

C



A1 BALL PAD CORNER I.D. FOR PLATE MOLD: TO BE MARKED BY INK.
AUTO MOLD: DIMPLE TO BE FORMED BY MOLD CAP.



PRIMARY DATUM C AND SEATING PLANE ARE DEFINED BY
THE SPHERICAL CROWNS OF THE SOLDER BALLS.



DIMENSION IS MEASURED AT THE MAXIMUM SOLDER BALL DIAMETER,
PARALLEL TO PRIMARY DATUM C.

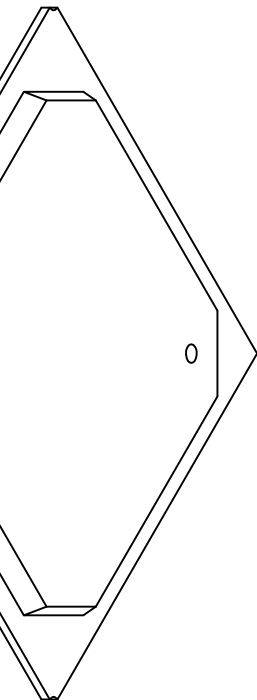
B

4. THE MAXIMUM ALLOWABLE NUMBER OF SOLDER BALLS IS 676.
3. THE MAXIMUM SOLDER BALL MATRIX SIZE IS 26 X 26.
2. THE BASIC SOLDER BALL GRID PITCH IS 1.00mm.
1. ALL DIMENSIONS AND TOLERANCES CONFORM TO ASME Y14.5M-1994.

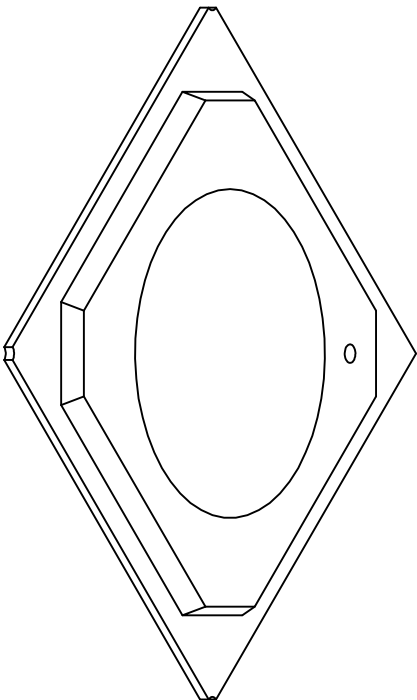
NOTES: UNLESS OTHERWISE SPECIFIED

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS		THIRD ANGLE PROJECTION		Anchor Technology, Inc. Chandler, Arizona, USA Anam Semiconductor, Inc., Seoul, Korea Anchor Technology Philippines, Inc. Manila, Philippines	
DECIMAL X.X ±0.1 X.XX ±0.05 X.XXX ±0.030	ANGULAR ±1°	APPROVALS	DATE	TITLE PACKAGE OUTLINE - PBGA CUSTOM, 26 X 26 MATRIX, 27.00mm X 27.00mm, 24.00mm X 24.00mm X 1.17mm MOLD CAP, 1.00mm PITCH, LAMINATE SUBSTRATE, AWW	
INTERPRET DIM AND TOL PER ASME Y14.5M - 1994		DESIGNED J. GIANNITTI	11/25/98	SIZE A3	
MATERIAL N/A		CHECKED M. CUMMINS	11/25/98	S/D NUMBER	
FINISH N/A		PRODUCT MANAGER B. GOGUE	11/25/98	DWG NUMBER	
DO NOT SCALE DRAWING		RELEASED G. SCHULTZ	12/08/98	74725	
		STRIP DWG NUMBER/REV N/A	PKG OUTLINE DWG NO. N/A	SCALE NONE	SHEET 1 OF 8



PBGA
TEPBGA



TEPBGA-2

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