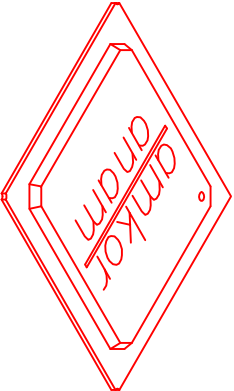


REV.	DESCRIPTION	DATE	CHANGED BY	CHECKED BY
00	INITIAL RELEASE PER DCM #A40286.	02/09/96	D.R.A.	Y.M.K.
01	UPDATED PER DCM #A 40400	03/27/96	D.R.A.	Y.M.K.
02	REDRAWN AND REVISED, DCM# C01376	12/01/97	IGHAN	D.R.A.
03	ADDED 0.61 THICKNESS, DCM# C04018	07/06/98	IGHAN	D.R.A.
04	CHANGED CAP TOLERANCE, DCM# C06713	03/23/99	IGHAN	M.W.
VD	SUPPRESSED BY 73318, DCM# C14206	11/20/01	BIRKBE	DIARNO

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REFERENCE SPECIFICATIONS:

- A. AAWT SPEC #001-0631-2294: PACKING OPERATION PROCEDURE.
B. AAWT SPEC #001-0616-2062: MARKING.
C. THIS DRAWING CONFORMS TO THE JEDEC REGISTERED OUTLINE MO-161/C.
VARIATION BAY-2 EXCEPT FOR ^{AWT} DIMENSION.
JEDEC(AMCOR) DCM MIN MAX 0.20(0.15) mm

AI BALL PAD CORNER LD. FOR PLATE MOLD. TO BE MARKED BY INK.
AUTO MOLD: DIMPLE TO BE FORMED BY MOLD CAP.

PRIMARY DATUM Z AND SEATING PLANE ARE DEFINED BY
THE SPHERICAL CROTHS OF THE SOLDER BALLS.

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

- THE MAXIMUM ALLOWABLE NUMBER OF SOLDER BALLS IS 529.
- THE MAXIMUM SOLDER BALL MATRIX SIZE IS 23 X 23.
- THE BASIC SOLDER BALL GRID PITCH IS 1.27mm.
- ALL DIMENSIONS AND TOLERANCES CONFORM TO ASME Y14.5M-1994.

NOTES: UNLESS OTHERWISE SPECIFIED

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS		DIMENSIONS		APPROVALS		DATE		TITLE		AMCOR Industrial Co., LTD.		AMCOR Electronics Inc.		ankor	
DECIMAL		ANGULAR		SIGNATURE		DATE		PACKAGE OUTLINE - PBGA		Shanghai, Sh. People's Rep.		Chandler, Arizona, USA			
XX ±0.10		±1°		A. VERKLES		04/26/97		31.0mm X 31.0mm, 1.17mm CAP, MULTILAYER,							
XX.XX ±0.05				D. ARFOLD		04/26/97		1.27mm PITCH, LAMINATE SUBSTRATE, AAWT.							
N/A				B. 000018		04/26/97		N/A							
N/A				Y. M. LANG		12/01/97		N/A							
DO NOT SCALE DRAWING															