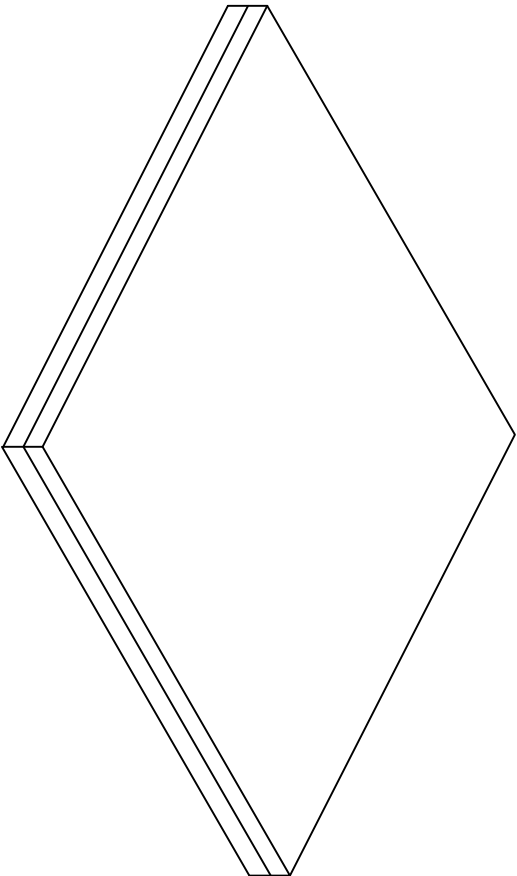


REVISION HISTORY					
REV	DESCRIPTION	ORIGINATOR	DRAWING FILE NAME	GERBER FILE NAME	DATE
00	INITIAL RELEASE	JFOWE	N/A	N/A	07/12/05
01	UPDATED TOLERANCE ON SHEET 2	JFOWE	N/A	N/A	07/13/05



7. REFERENCE SPECIFICATIONS:
A. AAWW SPEC #001-0531-2234: PACKING OPERATION PROCEDURE.
B. AAWW SPEC #001-0519-2062: MARKING.

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

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

4. THE MAXIMUM ALLOWABLE NUMBER OF SOLDER BALLS IS 324.

3. THE MAXIMUM SOLDER BALL MATRIX SIZE IS 18 X 18.

2. THE BASIC SOLDER BALL GRID PITCH IS 0.65mm.

1. ALL DIMENSIONS AND TOLERANCES CONFORM TO ASME Y14.5M-1994.

NOTES: UNLESS OTHERWISE SPECIFIED

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS		THIRD ANGLE PROJECTION		TITLE	
DECIMAL X.X ±0.1	ANGULAR ±1°			PACKAGE OUTLINE - MAF, 18 X 18 MATRIX, 12.00mm X 12.00mm X 1.06mm, 0.45mm MOLD CAP, 0.45mm BALL, 0.65mm PITCH, LAMINATE SUBSTRATE, AAW	
X.XX ±0.05		APPROVALS		DESIGNED	DATE
X.XXX ±0.030		JFOWE		JFOWE	07/12/05
INTERPRET DIM AND TOL PER ASME Y14.5M - 1994		CHECKED		JQUAN	07/12/05
MATERIAL		PRODUCT MANAGER		MDREI	07/12/05
FINISH		RELEASED		SLOWD	07/12/05
N/A		DO NOT SCALE DRAWING		STRIP DWG NUMBER/REV	SD NUMBER
				N/A	N/A
				PWG OUTLINE DWG NO.	DWG NUMBER
				N/A	324273
				SCALE	SHEET
				1:6	1 OF 3



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