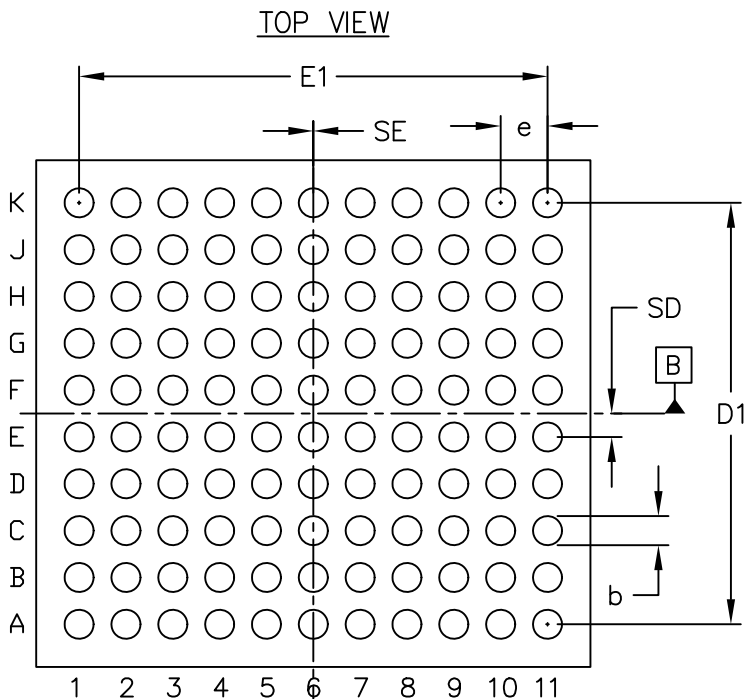


COMMON DIMENSIONS	
A	0.76±0.05
A1	0.24±0.03
A2	0.52 REF
A3	0.025 BASIC
A4	0.07 BASIC
b	∅0.31±0.03
D1	4.50
E1	5.00
e	0.50 BASIC
SD	0.25 BASIC
SE	0.00 BASIC



PKG. CODE	E		D		DEPOPULATED BUMPS
	MIN	MAX	MIN	MAX	
W1105B5+1	5.73	5.87	5.37	5.49	NONE

NOTES:

1. Terminal pitch is defined by terminal center to center value.
2. Outer dimension is defined by center lines between scribe lines.
3. All dimensions in millimeters.
4. Marking shown is for package orientation reference only.
5. Tolerance is ± 0.02mm unless specified otherwise.
6. All dimensions apply to PbFree (+) package codes only.



TITLE:  
PACKAGE OUTLINE  
110 BUMPS, WLP PKG. 0.5mm PITCH

APPROVAL  
REYNANTE ALVARADO  
05/27/10

DOCUMENT CONTROL NO.  
21-0494

REV. A 1/1

-DRAWING NOT TO SCALE-