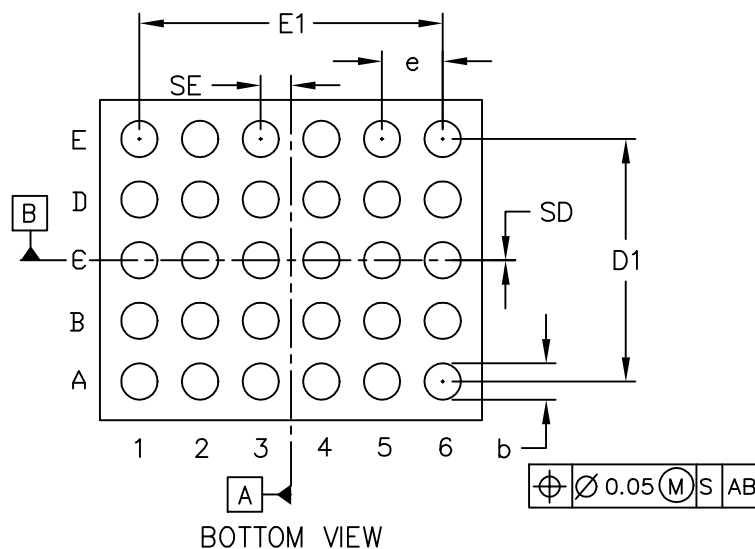


COMMON DIMENSIONS	
A	0.64±0.05
A1	0.24±0.03
A2	0.40 REF
A3	0.025–0.050 BASIC
b	ø0.30 REF
D1	2.00
E1	2.50
e	0.50 BASIC
SD	0.00 BASIC
SE	0.25 BASIC



PKG. CODE	E		D		DEPOPULATED BUMPS
	MIN	MAX	MIN	MAX	
R302A3+1	2.95	3.15	2.44	2.64	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 $\pm 0.02\text{mm}$ unless specified otherwise.
6. All dimensions apply to PbFree (+) package codes only.

—DRAWING NOT TO SCALE—

TITLE: PACKAGE OUTLINE, 30 bumps, 5x6 array, UCSP (R) pkg. 0.5mm pitch			
APPROVAL TIE WANG 09-01-08	DOCUMENT CONTROL NO. 21-0432	REV. A	1/1