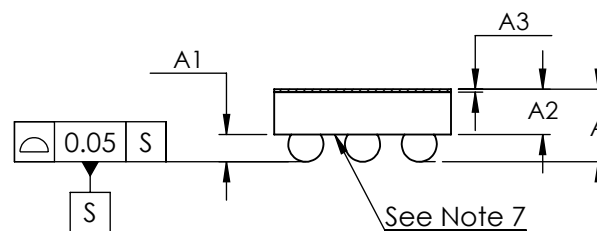
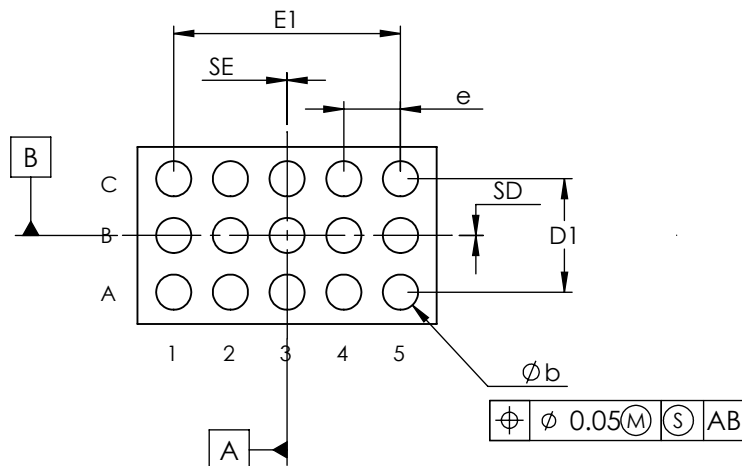


TOP VIEW



SIDE VIEW

COMMON DIMENSIONS		
A	0.64	± 0.05
A1	0.24	± 0.03
A2	0.40	REF
A3	0.025	BASIC
b	$\phi 0.31$	± 0.03
D1	1.00	
E1	2.00	
e	0.50	BASIC
SD	0.00	BASIC
SE	0.00	BASIC



BOTTOM VIEW

PKG. CODE	E		D		DEPOPULATED BUMPS
	MIN	MAX	MIN	MAX	
W151A2+1	2.44	2.64	1.43	1.67	NONE
W151B2+1	2.64	2.67	1.56	1.59	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 millimeter.
4. Marking shown is for package orientation reference only.
5. Tolerance is ± 0.02 unless specified otherwise.
6. All dimensions apply to PbFree (+) package codes only.
7. Front - side finish can be either Black or Clear.

TITLE PACKAGE OUTLINE 15 BUMPS, WLP PKG. 0.5mm PITCH		
APPROVAL TIE WANG 03/30/11	DOCUMENT CONTROL NO. 21-0205	REV. D 1/1