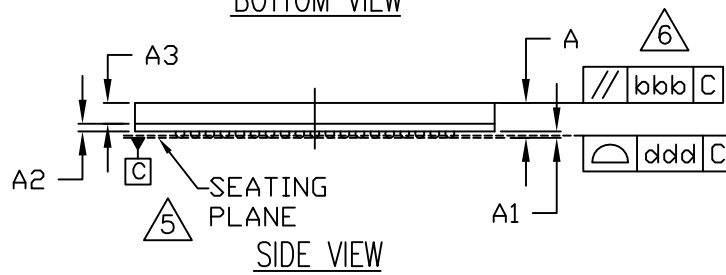


TOP VIEW

BOTTOM VIEW



SIDE VIEW

SYMBOL	COMMON DIMENSIONS		
	MIN.	NOM.	MAX.
A	1.100	1.200	1.400
A1	0.160	0.210	0.26
A2	0.260 REF.		
A3	0.700 REF.		
b	0.27	---	0.37
D	8.000 BSC		
D1	7.000 BSC		
E	12.000 BSC		
E1	9.000 BSC		
e	0.500 BSC		
SD	0.4 BSC		
SE	0.4 BSC		
aaa	0.150		
bbb	0.200		
ddd	0.080		
eee	0.150		
fff	0.080		
BALL DIAMETER	0.300		
N	243		

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS.
- ALL DIMENSIONS AND TOLERANCES CONFORM TO ANSI Y14.5M-1994.
- MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC #10-0131.
- DIMENSION b IS MEASURED AT THE MAXIMUM SOLDER BALL DIAMETER, PARALLEL TO DATUM PLANE C
- DATUM C (SEATING PLANE) IS DEFINED BY THE SPHERICAL CROWNS OF THE SOLDER BALLS.
- PARALLELISM MEASUREMENT SHALL EXCLUDE ANY EFFECT OF MARK ON TOP SURFACE OF PACKAGE.
- ALL DIMENSIONS APPLY TO PbfREE (+) PKG. CODE ONLY.
- PACKAGE CODE: X243812M-1



TITLE: PACKAGE OUTLINE, 243 BALLS CSBGA, 8x12x1.2mm, 0.5mm PITCH, 4 LAYERS			
APPROVAL	DOCUMENT CONTROL NO. 21-0638	REV. A	1/1

-DRAWING NOT TO SCALE-