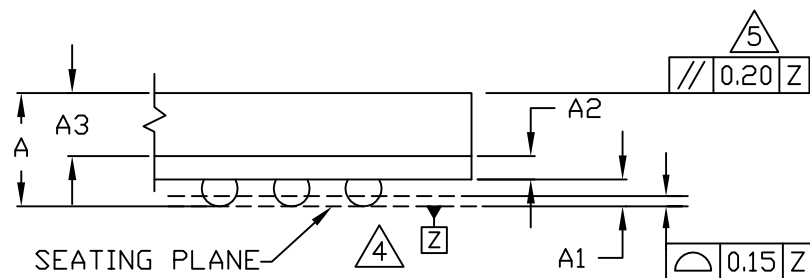


TOP VIEW

SIDE VIEW

BOTTOM VIEW



DETAIL "K"

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. ALL DIMENSIONS AND TOLERANCES CONFORM TO ANSI Y14.5M-1994.
3. MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC #10-0131.
4. PRIMARY DATUM Z AND SEATING PLANE ARE DEFINED BY THE SPHERICAL CROWNS OF THE SOLDER BALLS.
5. PARALLELISM MEASUREMENT SHALL EXCLUDE ANY EFFECT OF MARK ON TOP SURFACE OF PACKAGE.
6. ALL DIMENSIONS APPLY TO BOTH LEADED (-) AND PbFREE (+) PKG. CODES.
7. PACKAGE CODE: X14422-1

144X øb			
Ø	Ø0.15 (M)	X	Y Z
Ø	Ø0.08 (M)	Z	

SYMBOL	COMMON DIMENSIONS		
	MIN.	NOM.	MAX.
A	1.13	1.29	1.40
A1	0.25	0.33	0.40
A2	0.22	0.26	0.30
A3	0.66	0.70	0.74
b	0.40	0.45	0.50
D	11.9	12.0	12.1
D1	9.56	9.60	9.64
E	11.9	12.0	12.1
E1	9.56	9.60	9.64
e	0.80 BSC.		



TITLE:
PACKAGE OUTLINE, 144 BALLS CSBGA,
12x12x1.4mm, 0.8mm PITCH

APPROVAL	DOCUMENT CONTROL NO. 21-0163	REV. B	1/1
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-DRAWING NOT TO SCALE-