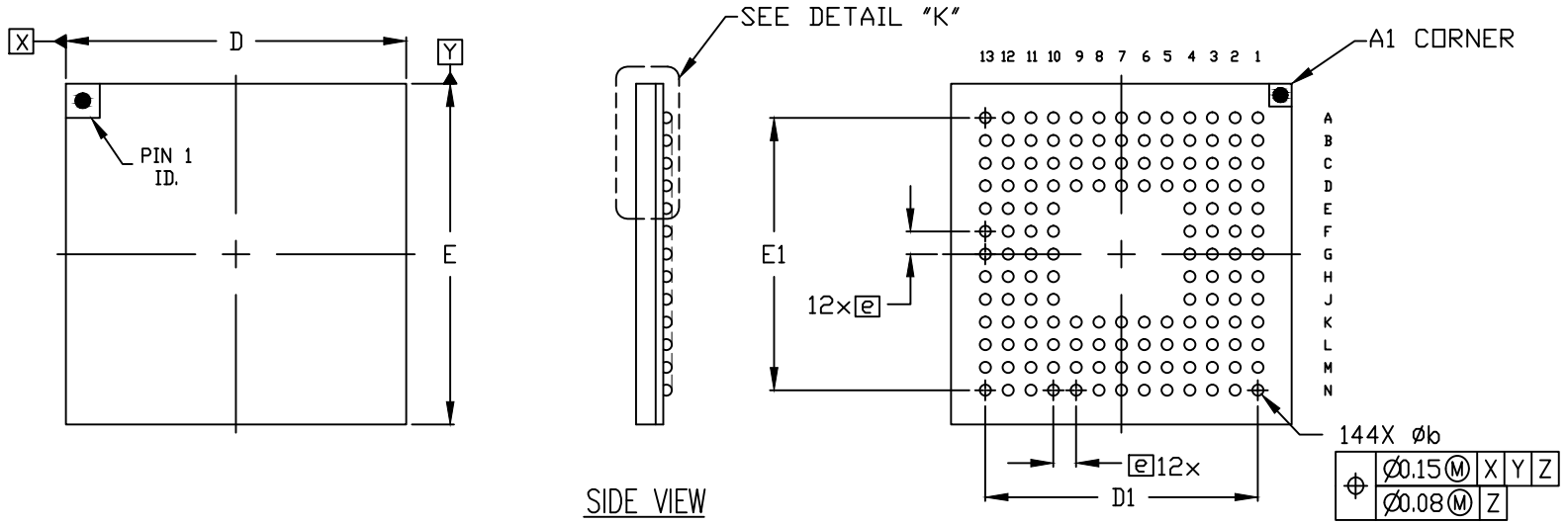

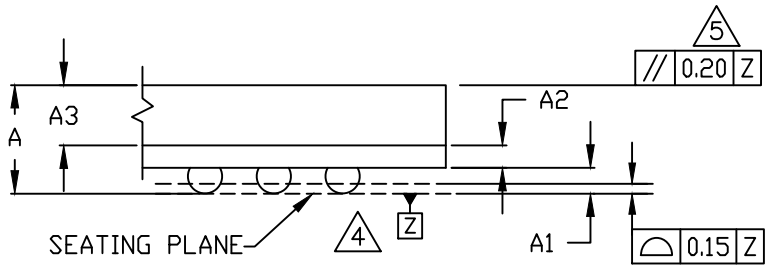

DETAIL "K"

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, X14422+2C

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.		

maxim integrated™

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

APPROVAL	DOCUMENT CONTROL NO.	REV.	
WENJIA SONG	21-0163	C	1/1

-DRAWING NOT TO SCALE-