



DIMENSIONAL REFERENCES			
REF.	MIN.	NOM.	MAX.
A	0.48	0.54	0.60
A1	0.11	--	0.21
A2	0.25 REF		
A3	0.13 REF		
D	5.90	6.00	6.10
D1	4.00 BSC		
E	5.90	6.00	6.10
E1	4.50 BSC		
b	0.20	--	0.30
aaa	--	0.100	--
bbb	--	0.100	--
ddd	--	0.080	--
eee	--	0.150	--
fff	--	0.080	--
e	0.50 BSC		
N	86		
Pkg. Code: X8666-1			

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED
2. DIMENSIONING AND TOLERANCING PER ASME Y14.5M 1994
3. MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC# 10-0131
4. 'e' REPRESENTS THE BASIC SOLDER BALL PITCH
5. 'N' IS THE NUMBER OF ATTACHED SOLDER BALLS
6. 'b' IS MEASURABLE AT THE MAXIMUM SOLDER BALL DIAMETER PARALLEL TO THE PRIMARY DATUM [C]
7. DIMENSION 'ddd' IS MEASURED PARALLEL TO PRIMARY DATUM [C]
8. PRIMARY DATUM [C] (SEATING PLANE) IS DEFINED BY THE SPHERICAL CROWNS OF THE SOLDER BALLS
9. PARALLELISM MEASUREMENT SHALL EXCLUDE ANY EFFECT OF MARK ON TOP SURFACE OF PACKAGE
10. MARKING SHOWN IS FOR PKG. ORIENTATION ONLY
11. ALL DIMENSIONS APPLY TO PbFREE (+) PKG. CODE

-DRAWING NOT TO SCALE-



maxim
integrated.

TITLE:
PACKAGE OUTLINE,
86 BALLS CVBGA PKG. 6x6x0.54 MM

APPROVAL	DOCUMENT CONTROL NO. 21-0700	REV. A	1/1
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