

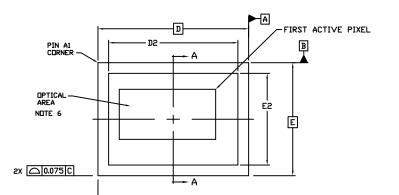
2x 🔼 0.075 C

**IBGA87 12x9** CASE 503BF **ISSUE B** 

**DATE 08 AUG 2017** 

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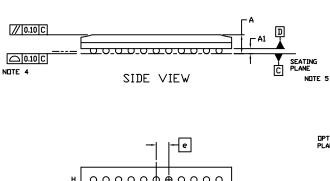
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NOTES:

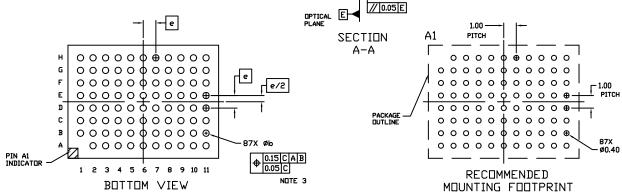
// 0.025 D

- 1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994.
- 2. CONTROLLING DIMENSION: MILLIMETERS
- DIMENSION & IS MEASURED AT THE MAXIMUM SOLDER BALL DIAMETER PARALLEL TO DATUM C.
- COPLANARITY APPLIES TO THE SPHERICAL CROWNS OF THE SOLDER BALLS.
- DATUM C, THE SEATING PLANE, IS DEFINED BY THE SPHERICAL CROWNS OF THE SOLDER BALLS.
- MAXIMUM ROTATION OF OPTICAL AREA RELATIVE D AND E WILL BE 0.5°. OPTICAL AREA IS DEFINED BY THE ACTIVE PIXEL ARRAY. REFER TO THE DEVICE DATA SHEET FOR TOTAL ARRAY AND FIRST ACTIVE PIXEL DEFINITIONS.
- 7. PARALLELISM APPLIES ONLY TO THE OPTICAL AREA.
- 8. OPTICAL CENTER OFFSET WITH RESPECT TO THE PACKAGE CENTER IS x=-462.70 MICRONS, Y=389.80 MICRONS ±75 MICRONS.



TOP VIEW

	MILLIMETERS		
DIM	MIN.	MAX.	
Α		1.65	
A1	0.35	0.45	
A3	0.425	0.525	
A4	0.575	0.675	
b	0.45	0.55	
D	12.00 BSC		
D2	10.20	10.40	
E	9.00 BSC		
E2	7.20	7.40	
е	1.00 BSC		



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1001:-	DEVICE	D
ISSUE	REVISION	DATE
0	RELEASED FOR PRODUCTION. REQ. BY M. FORBIS.	01 JUL 2016
Α	ADDED NOTES 7 & 8 AND ADDED FIRST ACTIVE PIXEL TO TOP VIEW. REQ. BY M. FORBIS.	14 JUN 2017
В	MODIFIED NOTE 6 FROM 1 DEGREE TO 0.5 DEGREE. REQ. BY M. FORBIS.	08 AUG 2017

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