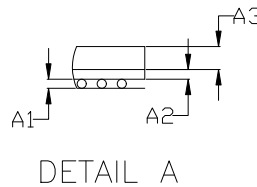
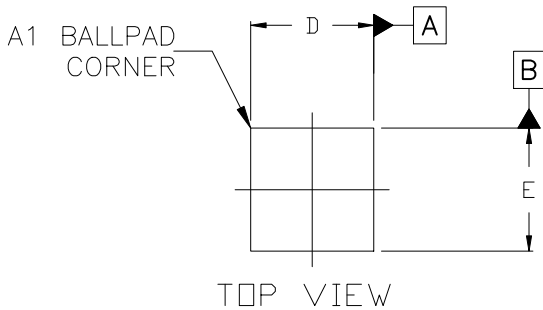


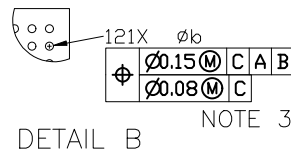
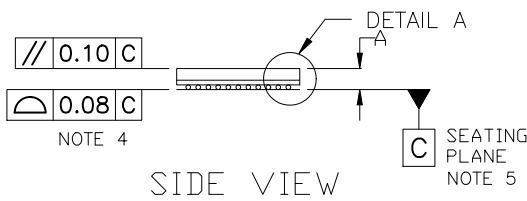
**FCBGA121 8x8x1.35**  
**CASE 489BR**  
**ISSUE 0**

DATE 24 JUL 2019

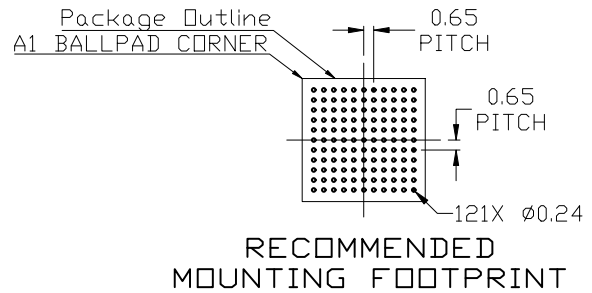
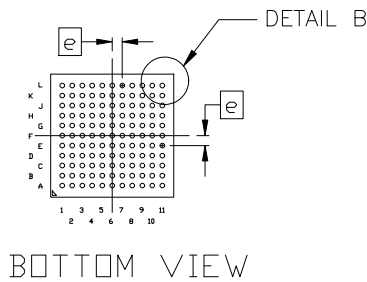


**NOTES:**

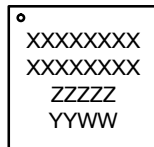
1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 2009.
2. CONTROLLING DIMENSION: MILLIMETERS
3. DIMENSION b IS MEASURED AT THE MAXIMUM SOLDER BALL DIAMETER PARALLEL TO DATUM C.
4. COPLANARITY APPLIES TO THE SPHERICAL CROWNS OF THE SOLDER BALLS.
5. DATUM C, THE SEATING PLANE, IS DEFINED BY THE SPHERICAL CROWNS OF THE SOLDER BALLS.



DIM	MILLIMETERS		
	MIN.	NOM.	MAX.
A	1.15	1.25	1.35
A1	0.19	0.24	0.29
A2	0.31 REF		
A3	0.65	0.70	0.75
b	0.25	0.30	0.35
D	7.90	8.00	8.10
E	7.90	8.00	8.10
e	0.65 BSC		



**GENERIC MARKING DIAGRAM\***



XXXX = Specific Device Code  
 ZZZZ = Assembly Lot Code  
 YY = Year  
 WW = Work Week

\*This information is generic. Please refer to device data sheet for actual part marking. Pb-Free indicator, "G" or microdot "μ", may or may not be present. Some products may not follow the Generic Marking.

\* For additional information on our Pb-Free strategy and soldering details, please download the ON Semiconductor Soldering and Mounting Techniques Reference Manual, SOLDERRM/D.

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<b>DESCRIPTION:</b>	<b>FCBGA121 8x8x1.35</b>	<b>PAGE 1 OF 1</b>

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