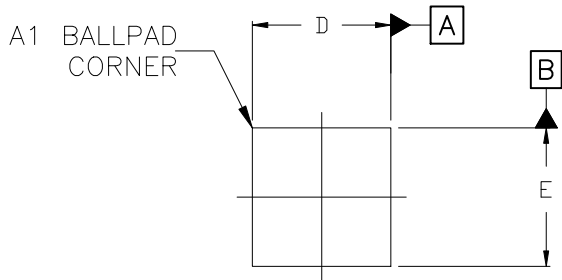
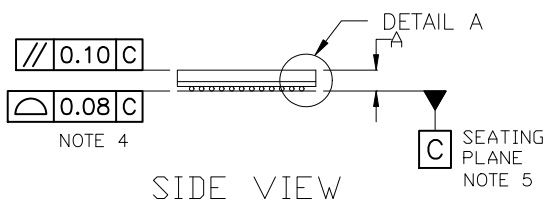


FCBGA144 9x9x1.35 CASE 489BC ISSUE A

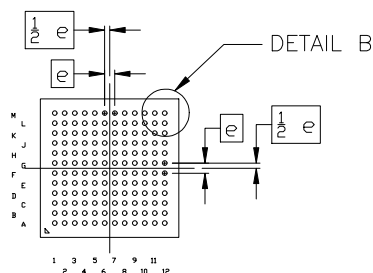
DATE 24 MAR 2020



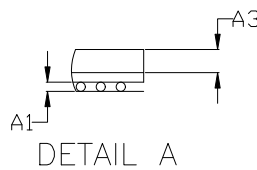
TOP VIEW



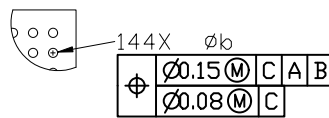
SIDE VIEW



BOTTOM VIEW



DETAIL A

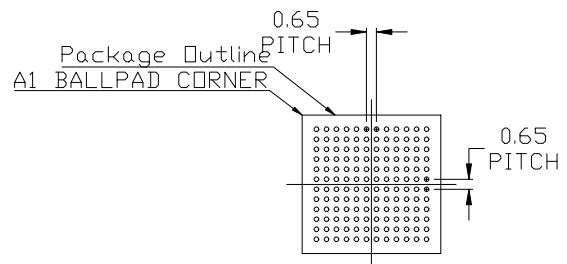


DETAIL B

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.

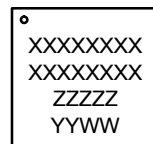
DIM	MILLIMETERS		
	MIN.	NOM.	MAX.
A	1.15	1.25	1.35
A1	0.19	0.24	0.29
A3	0.65	0.70	0.75
b	0.25	0.30	0.35
D	8.90	9.00	9.10
E	8.90	9.00	9.10
e	0.65 BSC		



RECOMMENDED MOUNTING FOOTPRINT

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

GENERIC MARKING DIAGRAM*



XXXX = Specific Device Code
ZZZ = 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 "•", may or may not be present. Some products may not follow the Generic Marking.

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DESCRIPTION:	FCBGA144 9x9x1.35	PAGE 1 OF 1

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