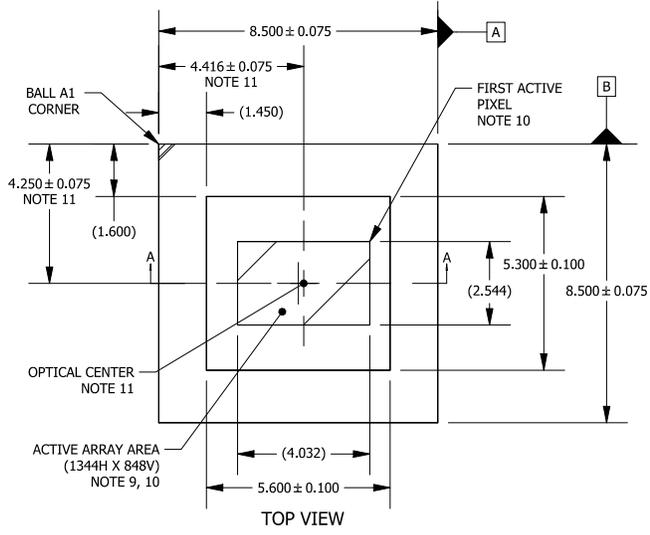


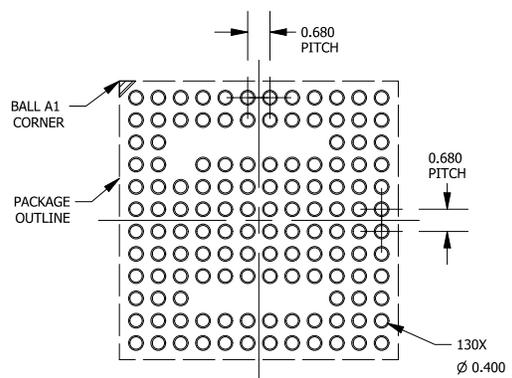
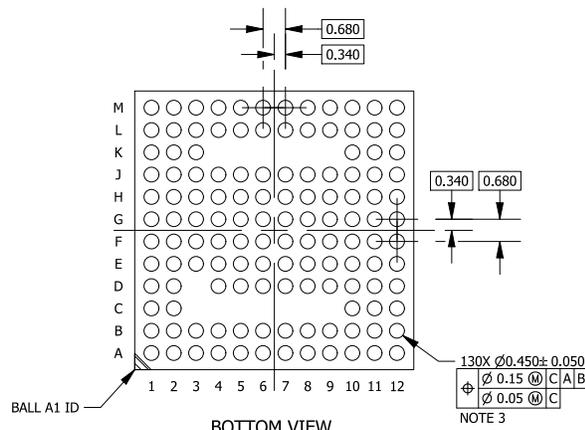
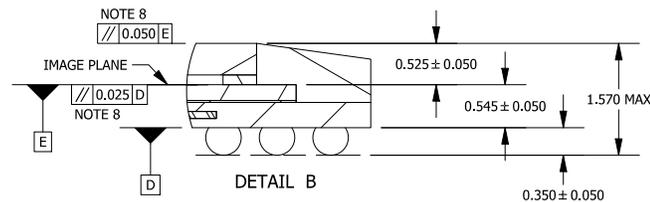
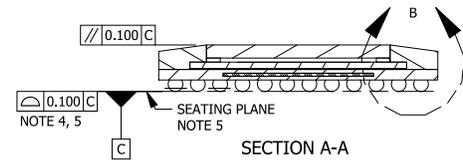
IBGA130 8.5x8.5  
CASE 503BK  
ISSUE C

DATE 14 FEB 2020

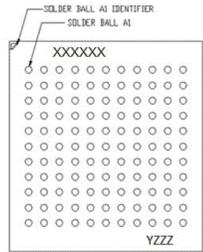


NOTES:

- DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994.
- CONTROLLING DIMENSION: MILLIMETERS [mm].
- SOLDER BALL DIAMETER 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.
- GLASS: 0.400 THICKNESS; REFRACTIVE INDEX = 1.52; AR COATING R<1% 420-850nm (EACH SIDE).
- AIR GAP BETWEEN GLASS AND PIXEL ARRAY: 0.125 THICKNESS.
- PARALLELISM APPLIES ONLY TO THE ACTIVE ARRAY.
- MAXIMUM ROTATION OF ACTIVE ARRAY RELATIVE TO DATUMS A AND B IS ± 1°.
- REFER TO THE DEVICE DATA SHEET FOR TOTAL PIXEL ARRAY AND FIRST ACTIVE PIXEL DEFINITIONS.
- OPTICAL CENTER RELATIVE TO PACKAGE CENTER (X, Y) = (0.166, 0.000).
- PACKAGE CENTER (X, Y) = (0.000, 0.000).



GENERIC MARKING DIAGRAM\*



XXXX = Specific Device Code  
Y = Year  
ZZZ = Lot Traceability

\*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:	IBGA130 8.5X8.5	PAGE 1 OF 1

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