



| COMMON DIMENSIONS  |            |
|--------------------|------------|
| A                  | 0.85±0.10  |
| A1                 | 0.25±0.05  |
| A2                 | 0.45±0.05  |
| b                  | ∅0.33±0.05 |
| D1                 | 5.20       |
| E1                 | 5.85       |
| e                  | 0.65       |
| K                  | 0.500      |
| L                  | 0.475      |
| NUMBER OF BALLS 90 |            |

| PKG. CODE | E         | D         | DEPOPULATED BUMPS |
|-----------|-----------|-----------|-------------------|
| X906A6F+1 | 6.80±0.05 | 6.20±0.05 | NONE              |

- NOTE:
- ALL DIMENSIONS AND TOLERANCES CONFORM TO ASME Y14.5 - 2009
  - $\Delta$  DIMENSION IS MEASURED AT THE MAXIMUM SOLDER BALL DIAMETER, PARALLEL TO PRIMARY DATUM C
  - $\Delta$  PRIMARY DATUM C AND SEATING PLANE ARE DEFINED BY THE SPHERICAL CROWNS OF THE SOLDER BALLS.
  - ALL DIMENSION IN MILLIMETER.
  - TOLERANCE TO BE X.X=0.1 X.XX=0.05 X.XXX=0.030 ANGULAR:±1° UNLESS SPECIFIED OTHERWISE.
  - ALL DIMENSIONS APPLY TO PB-FREE(+) PACKAGE CODES ONLY.
  - $\Delta$  MARKING SHOWN IS FOR REFERENCE ONLY.

**MAXIM**

TITLE:  
**PACKAGE OUTLINE, 90 BALLS,  
 6.2x6.8x0.85mm FCBGA PKG 0.65mm PITCH**

|                                 |  |                  |            |
|---------------------------------|--|------------------|------------|
| APPROVAL<br>KEN WANG<br>6/29/12 | DOCUMENT CONTROL NO.<br><b>21-0674</b> | REV.<br><b>B</b> | <b>1/1</b> |
|---------------------------------|--|------------------|------------|

-DRAWING NOT TO SCALE-