

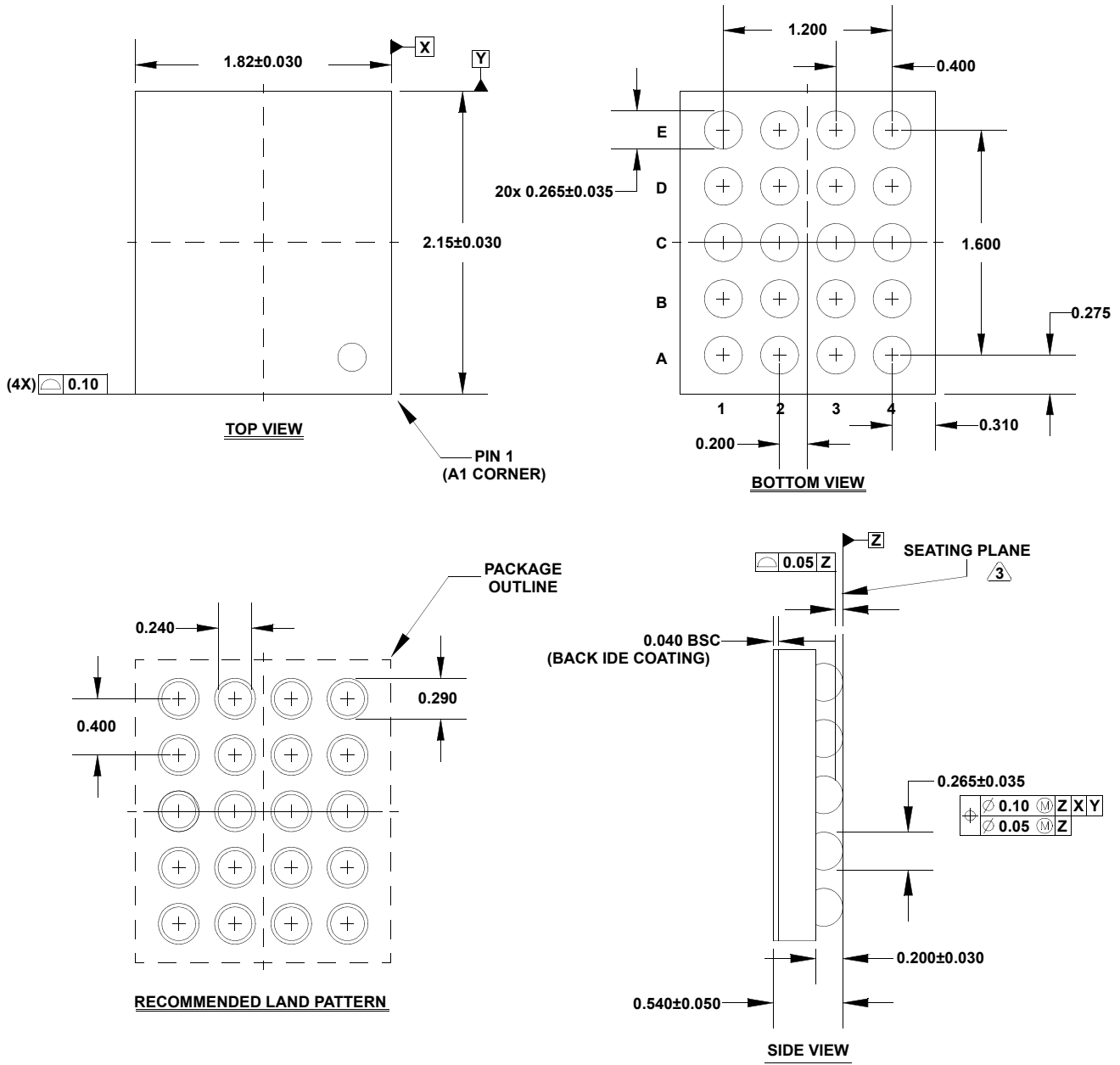
# Plastic Packages for Integrated Circuits

## Package Outline Drawing

### W4x5.20E

20 BALL WAFER LEVEL CHIP SCALE PACKAGE (WLCSF) (BSC)

Rev 1, 1/13



#### NOTES:

1. Dimensions and tolerance per ASME Y 14.5M - 1994.
2. Dimension is measured at the maximum bump diameter parallel to primary datum  $Z$ .
3. Primary datum  $Z$  and seating plane are defined by the spherical crowns of the bump.
4. Bump position designation per JESD 95-1, SPP-010.
5. There shall be a minimum clearance of 0.10mm between the edge of the bump and the body edge.