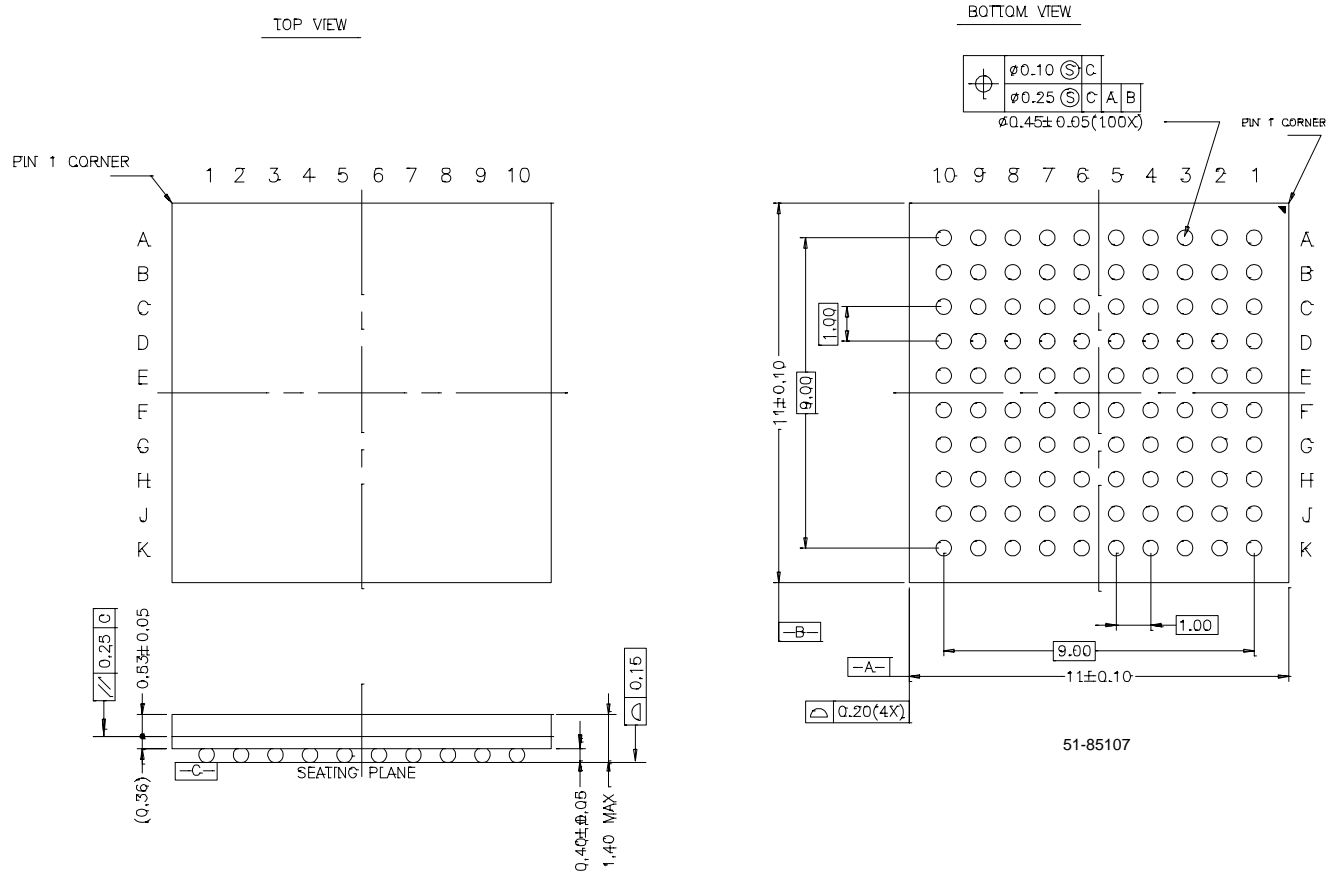


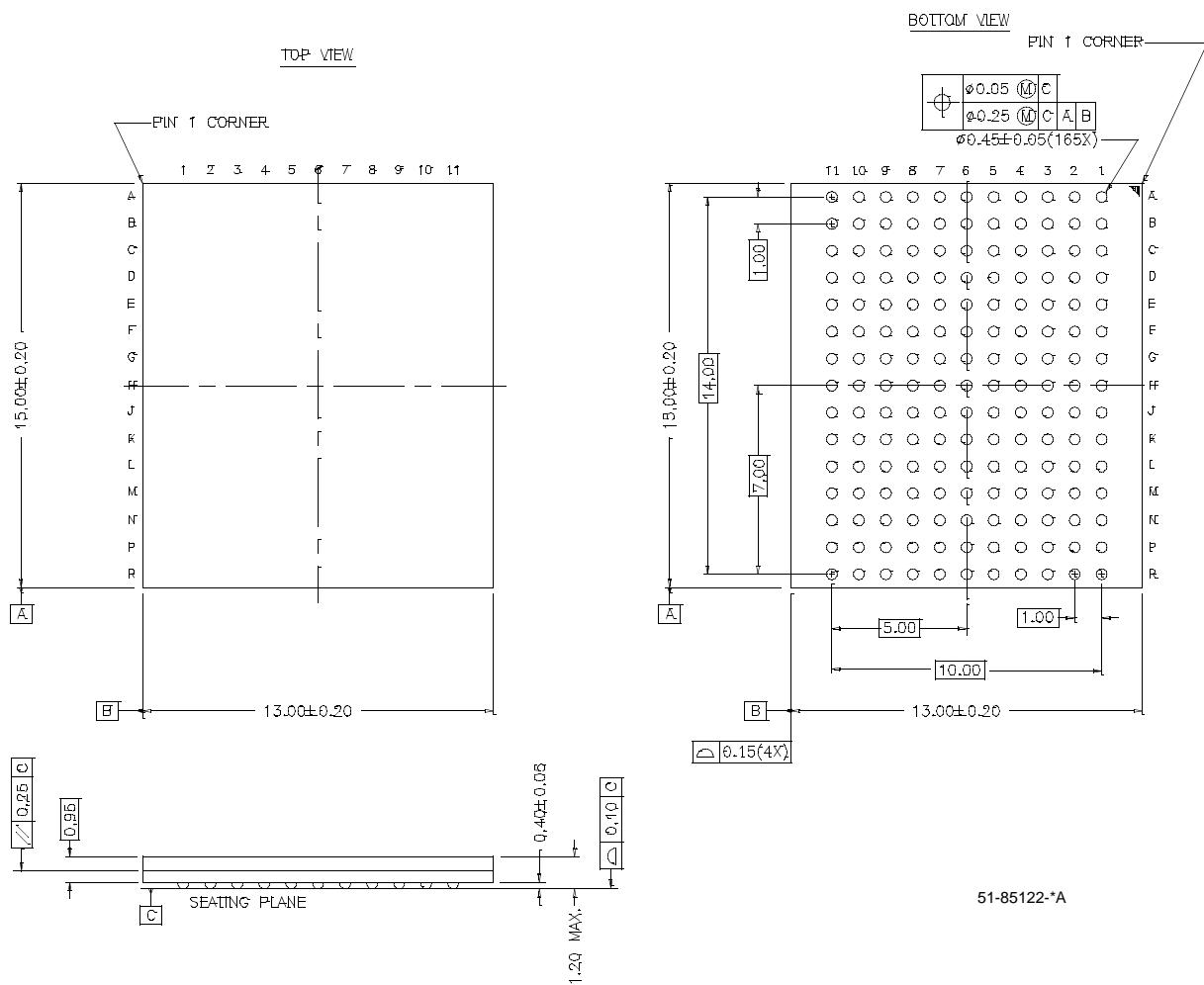
Thin Ball Grid Array Packages

100-Ball Thin Ball Grid Array (11 x 11 x 1.4 mm) BB100

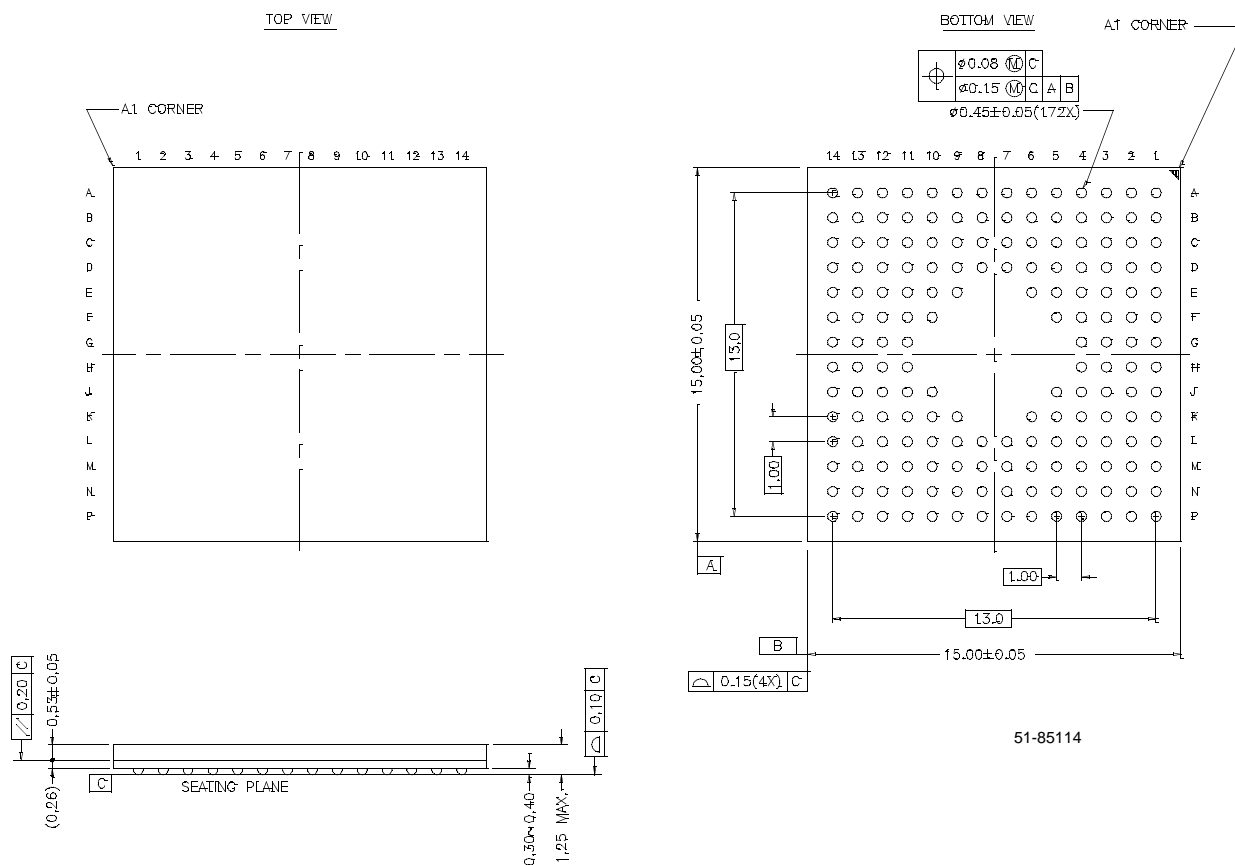


* THE BALL DIAMETER, BALL PITCH, STAND-OFF & PACKAGE THICKNESS ARE DIFFERENT FROM JEDEC SPEC M0192 (LOW PROFILE BGA FAMILY)

165-Ball FBGA (13 x 15 x 1.2 mm) BB165A

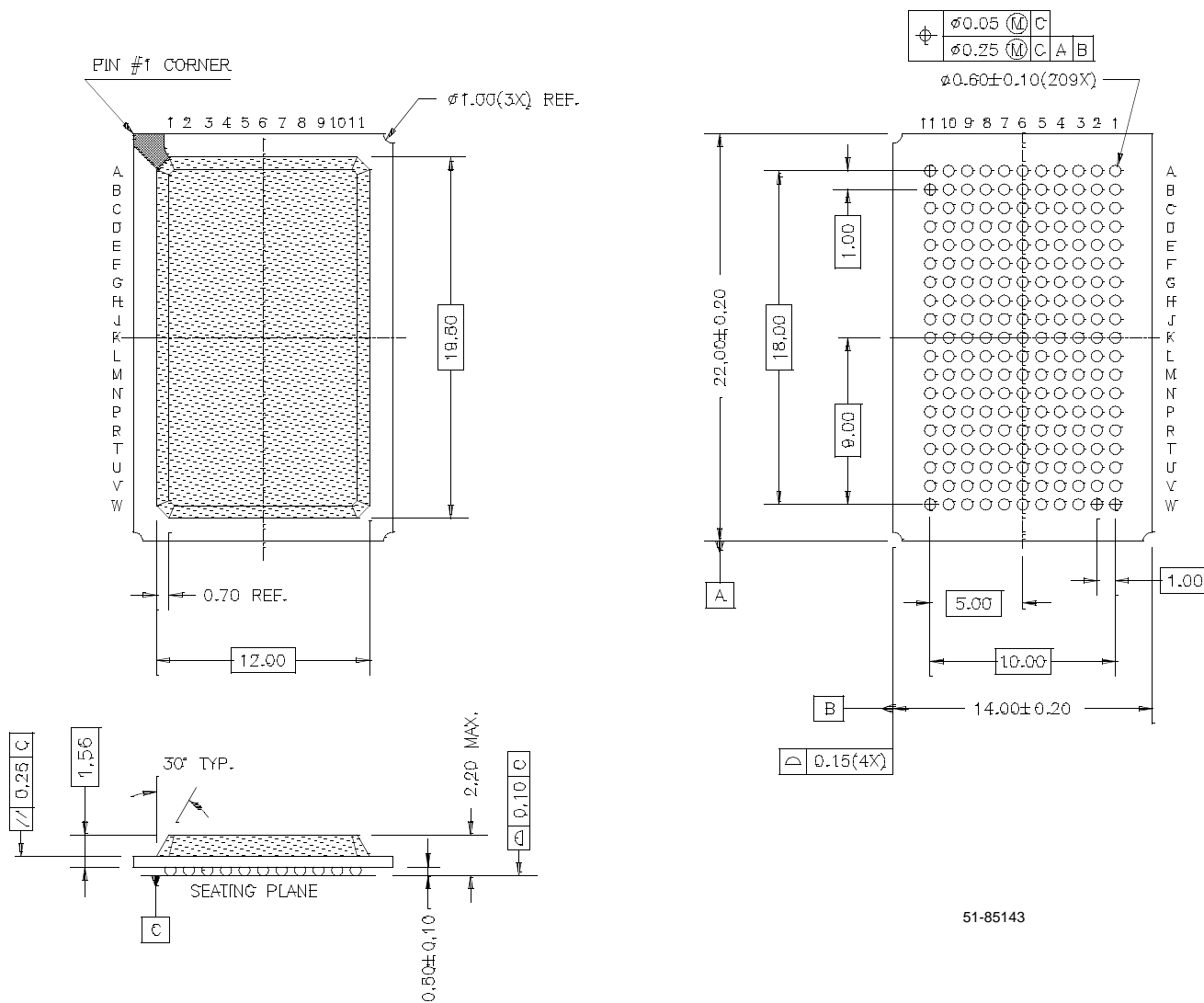


172-Ball FBGA BB172



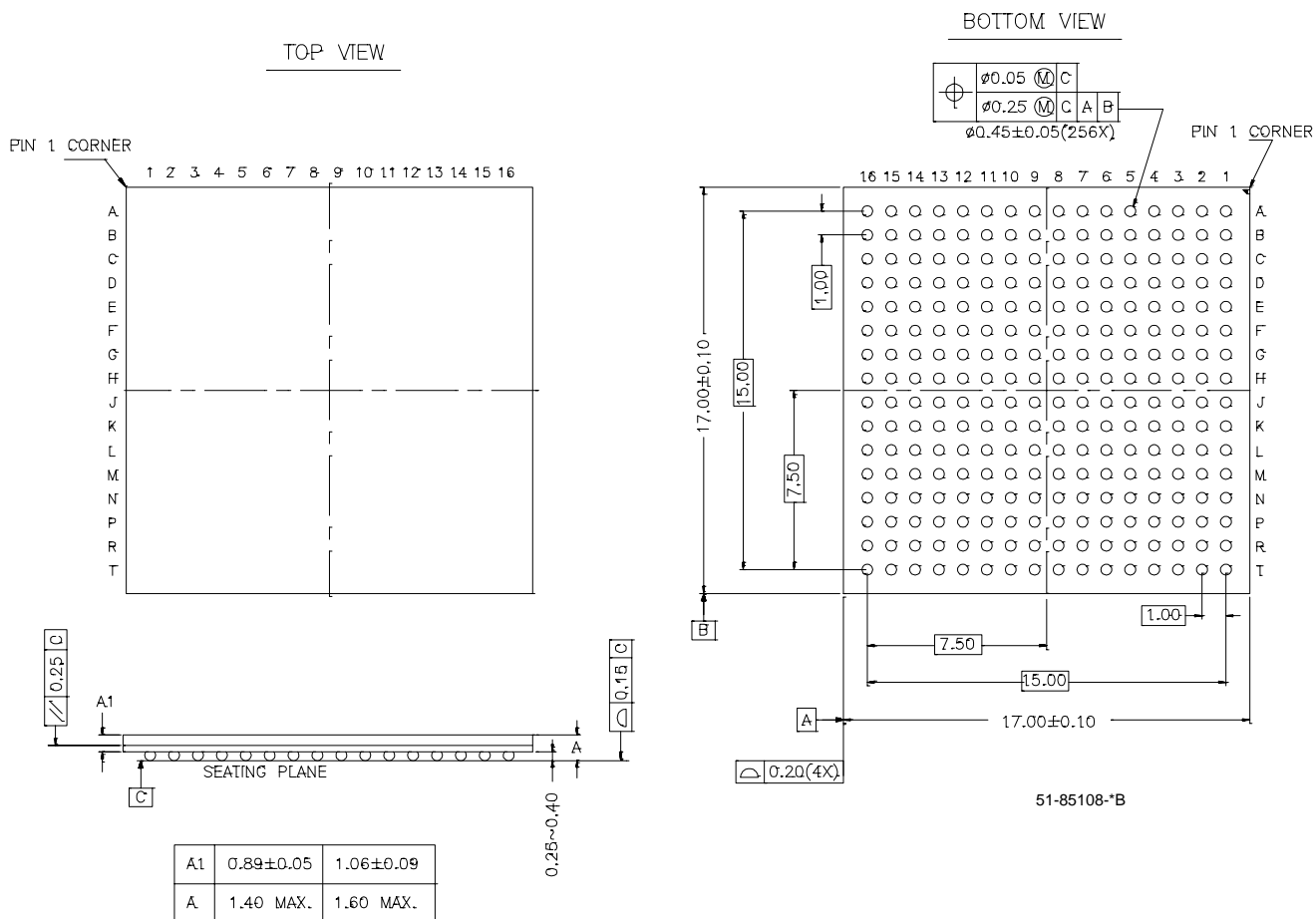
* THE BALL DIAMETER & STAND-OFF
DIFFERENT FROM JEDEC SPEC MO-210

209-Ball FBGA (14 x 22 x 2.20 mm) BB209



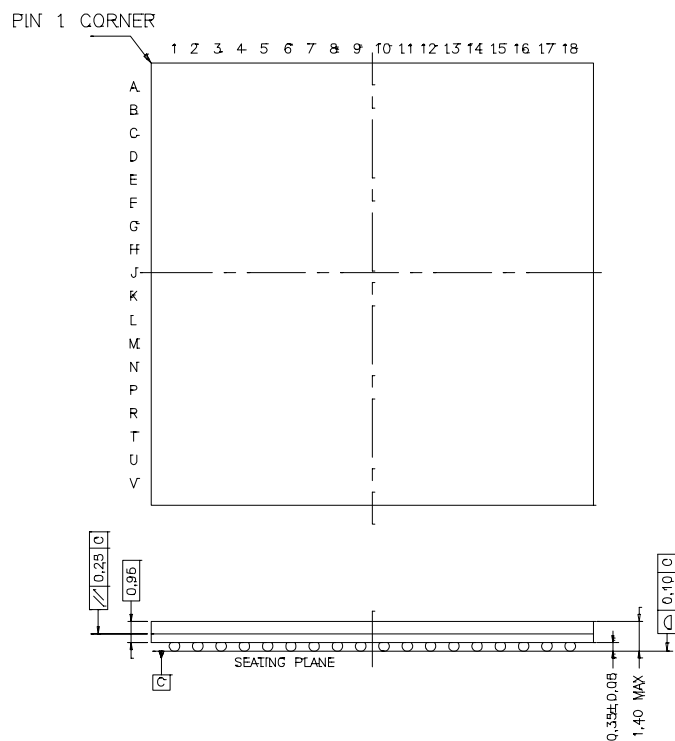
51-85143

256-Ball FBGA (17 x 17 mm) BB256

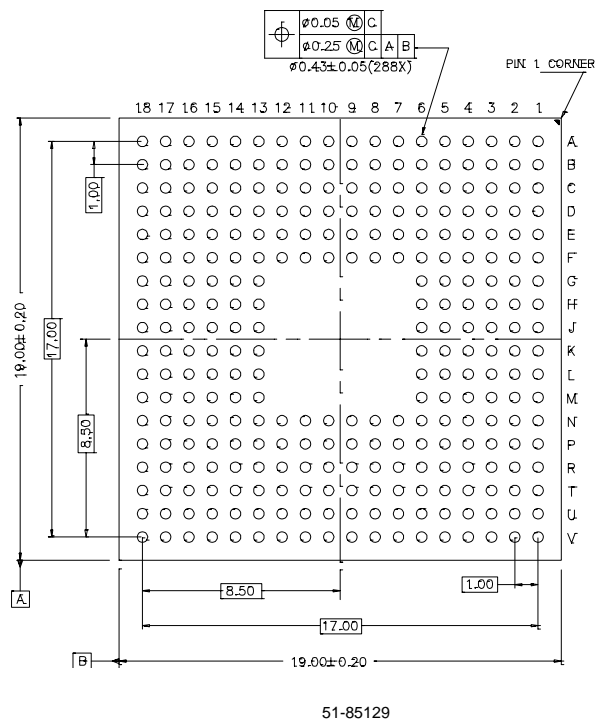


288-Ball Grid Array (1.0 pitch, 19 x 19 mm) BB288

TOP VIEW

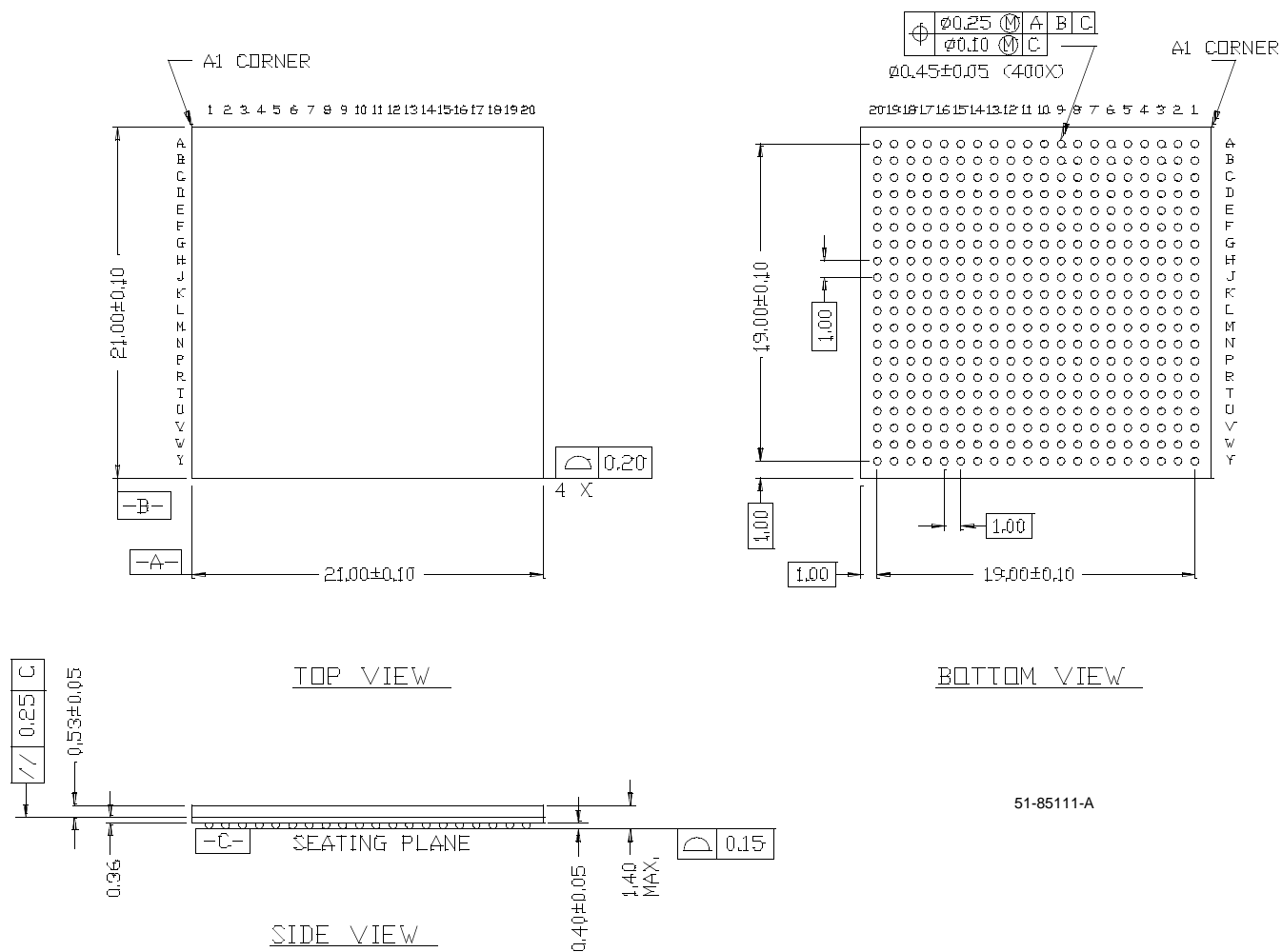


BOTTOM VIEW



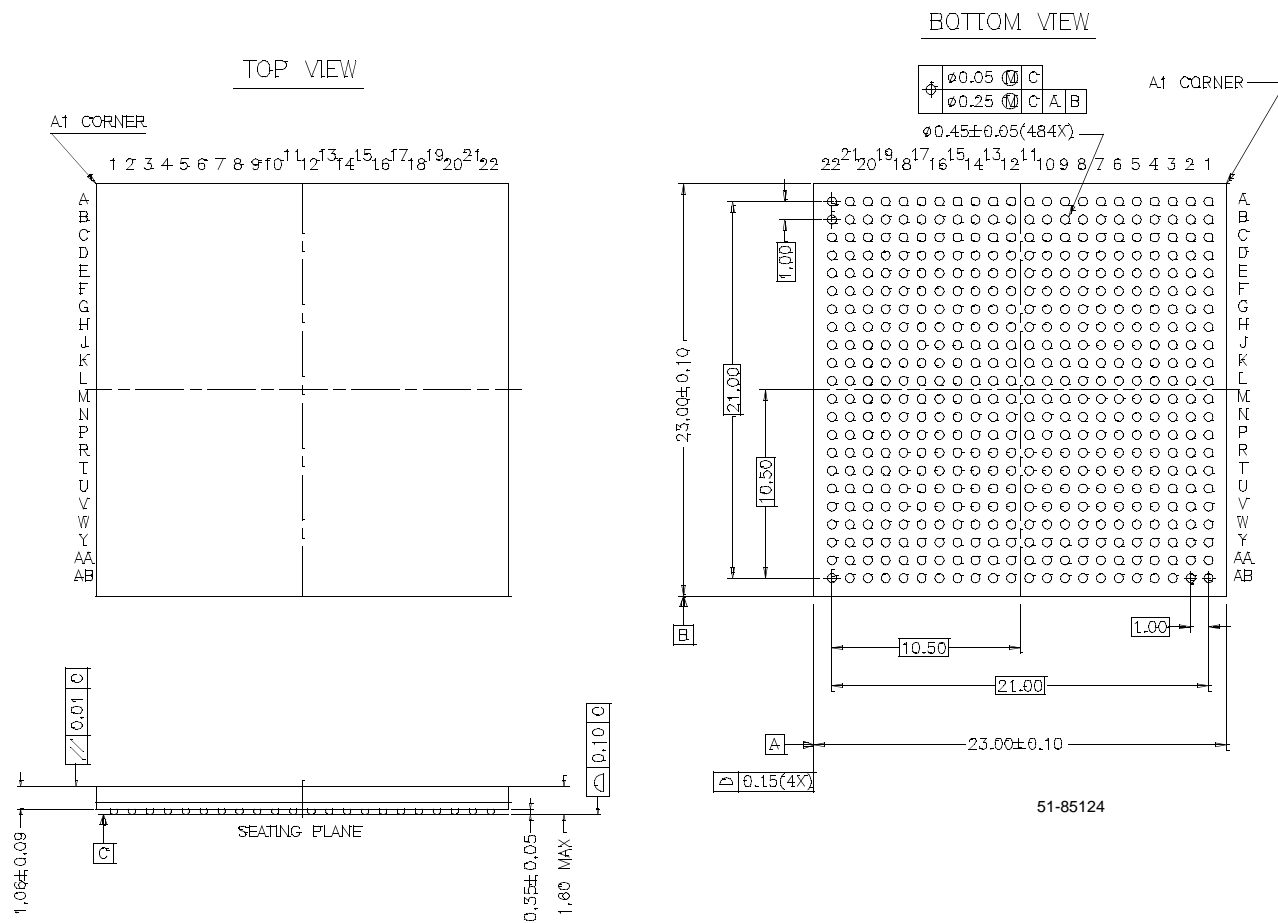
51-85129

400-Ball FBGA (21 x 21 x 1.4 mm) BB400



51-85111-A

484-Ball FBGA (23 x 23 x 1.6 mm) BB484



676-Ball FBGA (27 x 27 x 1.6 mm) BB676

