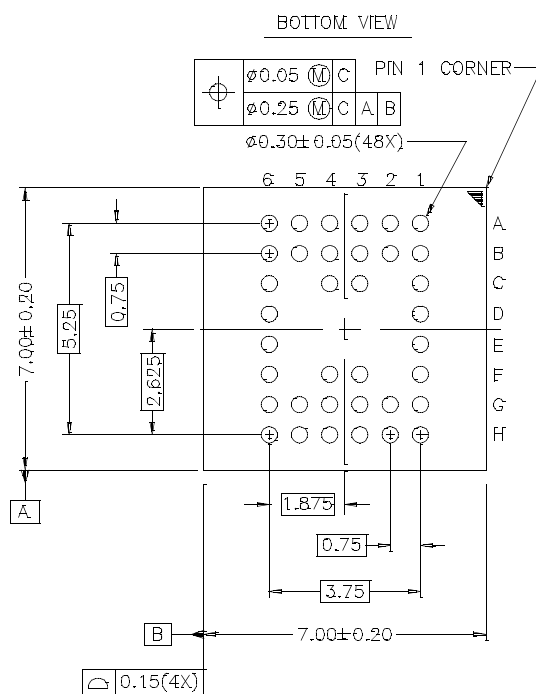
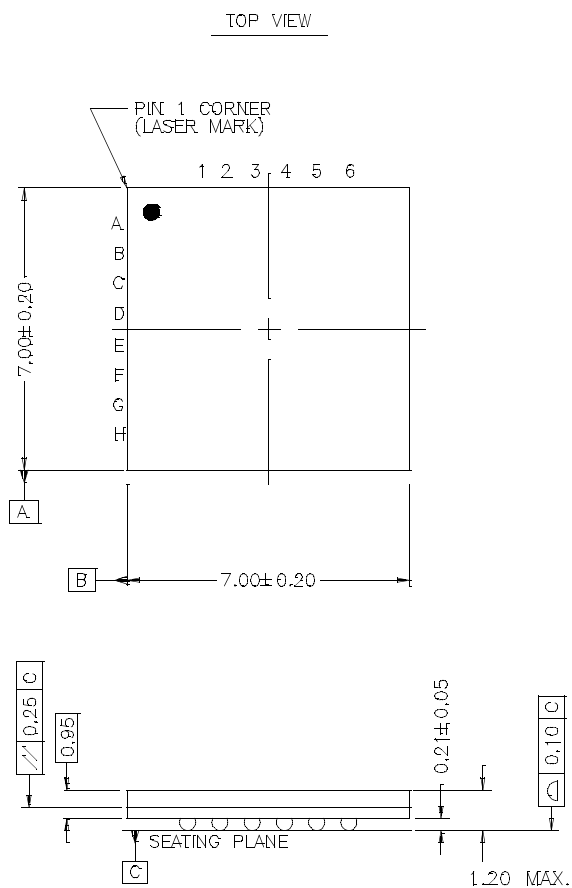


Ball Grid Array Packages

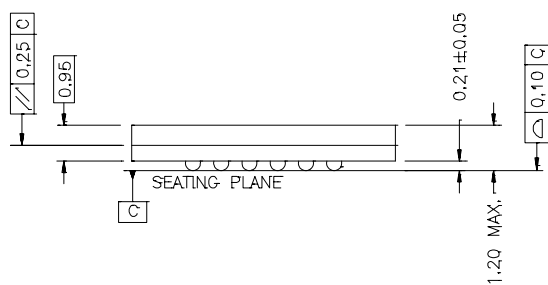
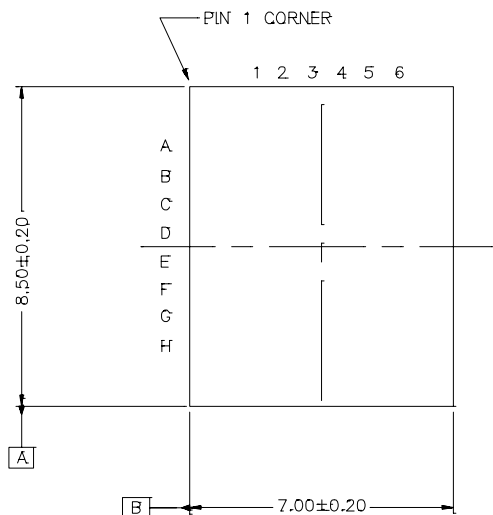
36-Ball Thin BGA BA36A



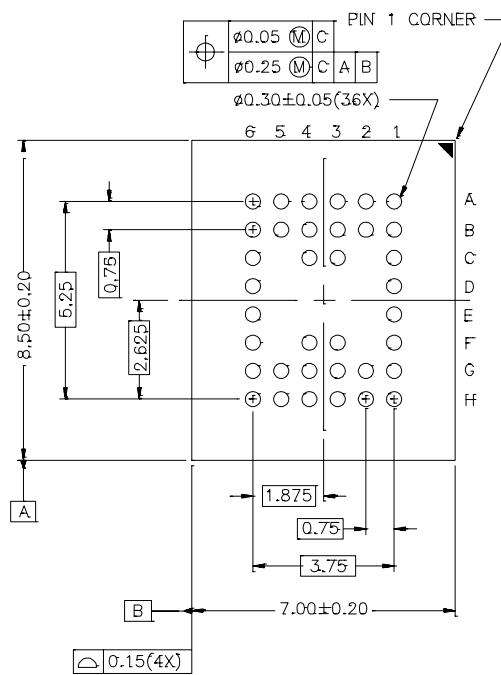
51-85099-B

36-Ball (7.00 mm x 8.5 mm x 1.2 mm) Thin BGA BA36B

TOP VIEW



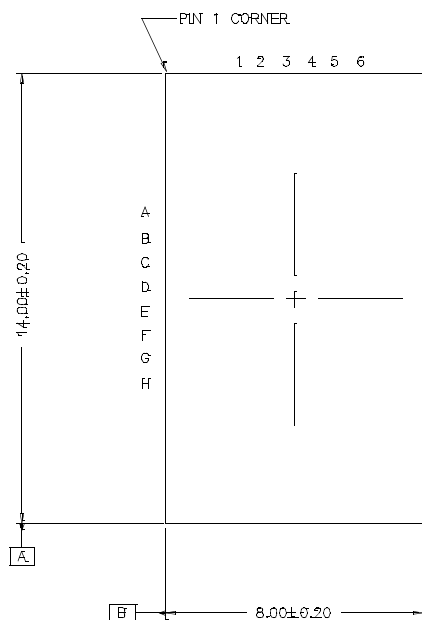
BOTTOM VIEW



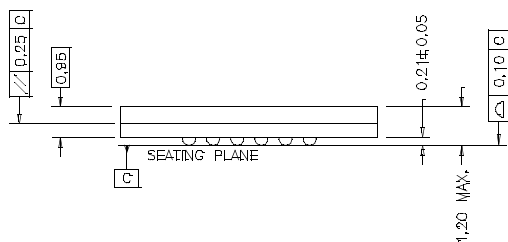
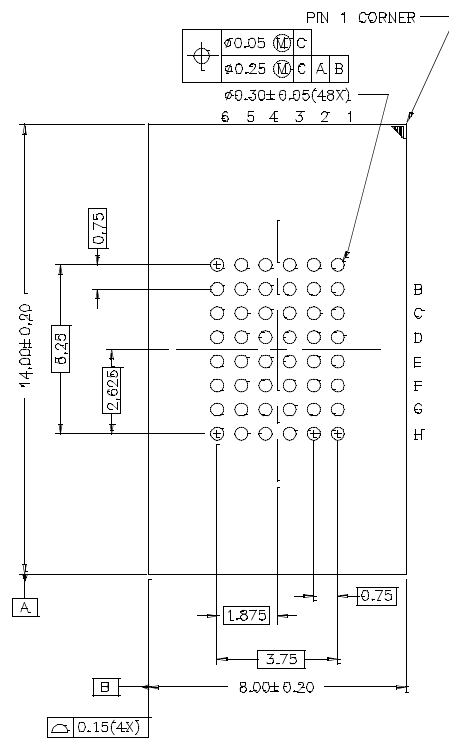
51-85105-°C

48-Ball (8.0 x 14.0 x 1.1 mm) Thin BGA BA47

TOP VIEW



BOTTOM VIEW

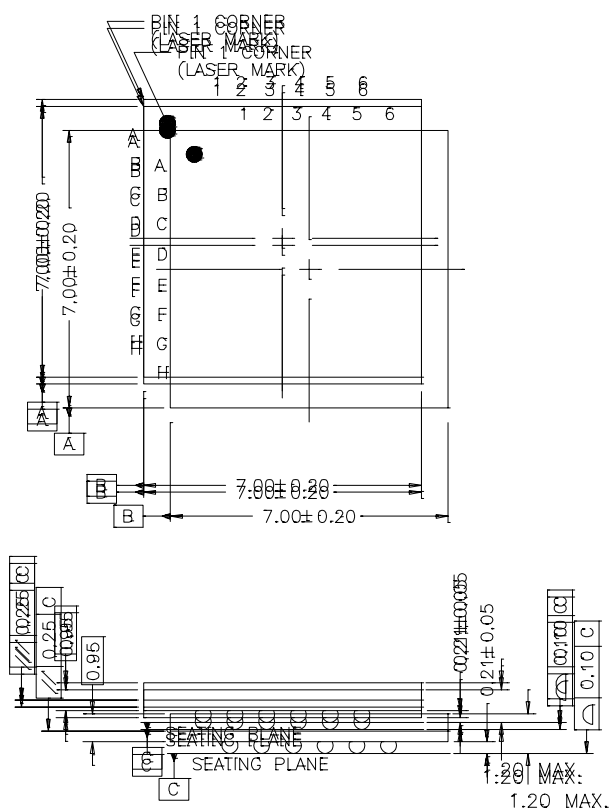


51-85121

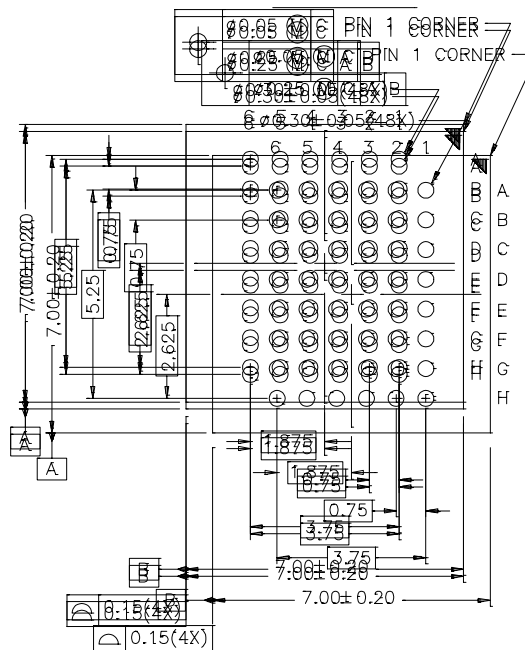


TOP VIEW

TOP VIEW



BOTTOM VIEW
BOTTOM VIEW

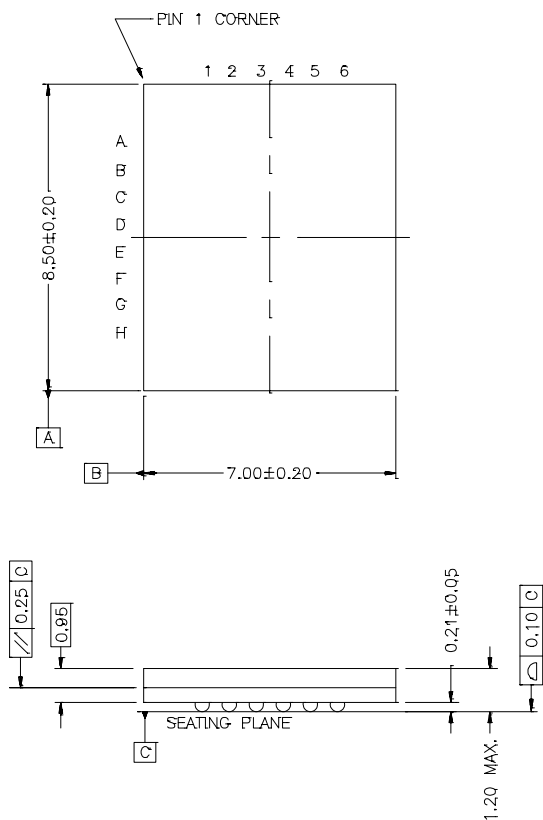


51-85096-D

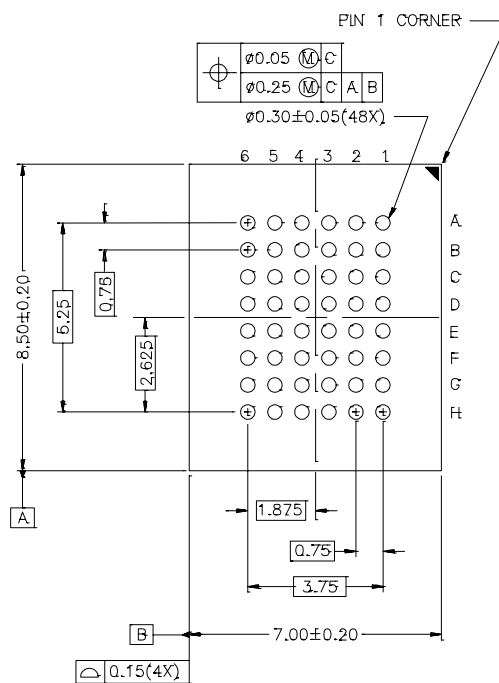
UNLESS OTHERWISE SPECIFIED	QUANTITY OF	APPLIC	
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48-Ball (7.00 mm x 8.5 mm x 1.2 mm) Thin BGA BA48B

TOP VIEW



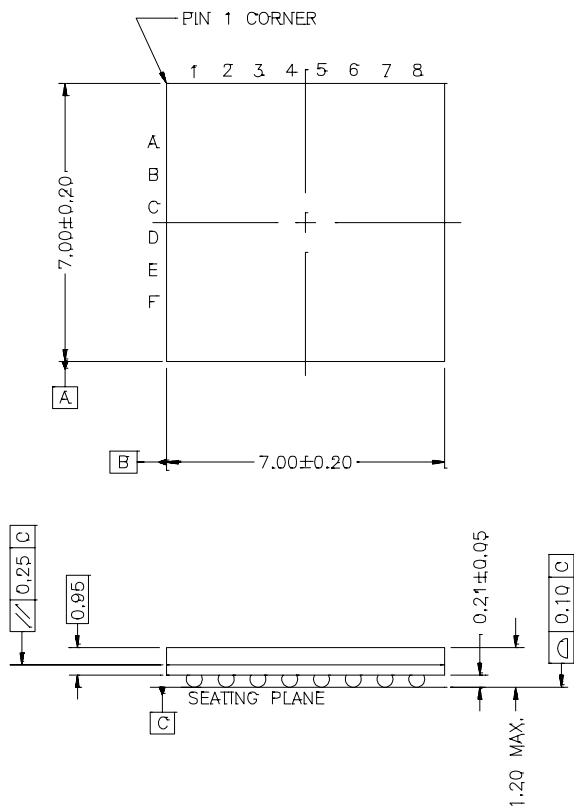
BOTTOM VIEW



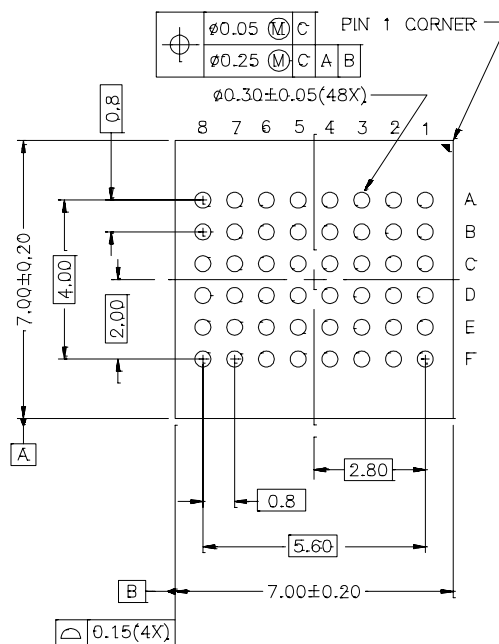
51-85106-°C

48-Ball (7.0 mm x 7.0 mm x 1.2 mm, 0.80 pitch) Thin BGA BA48D

TOP VIEW



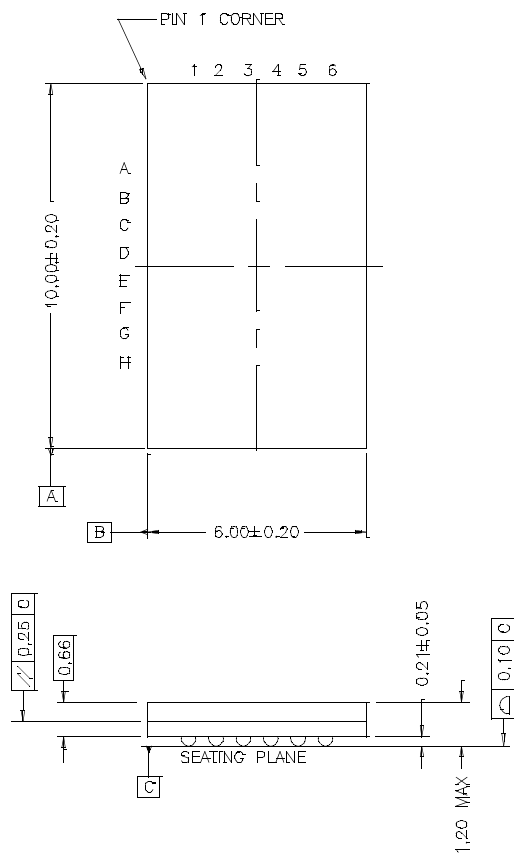
BOTTOM VIEW



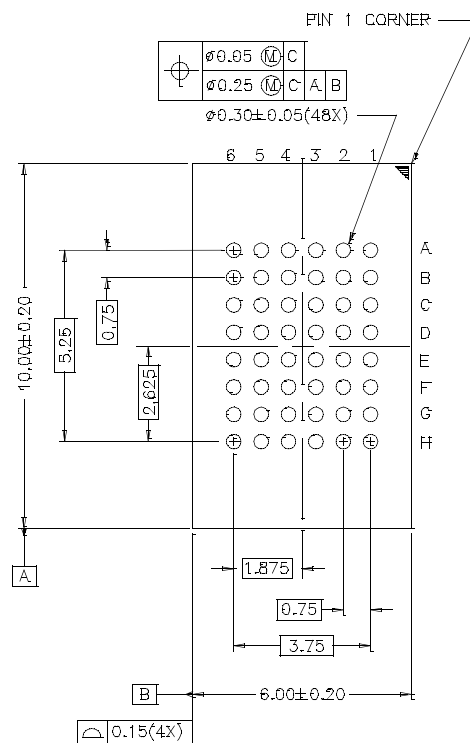
51-85109-B

48-Ball (6 mm x 10 mm x 1.2 mm) FBGA BA48F

TOP VIEW



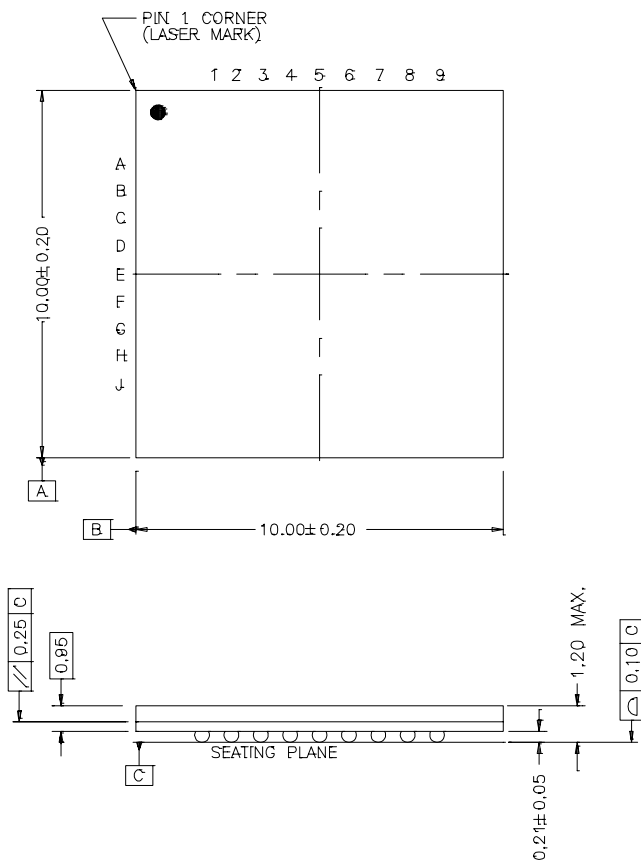
BOTTOM VIEW



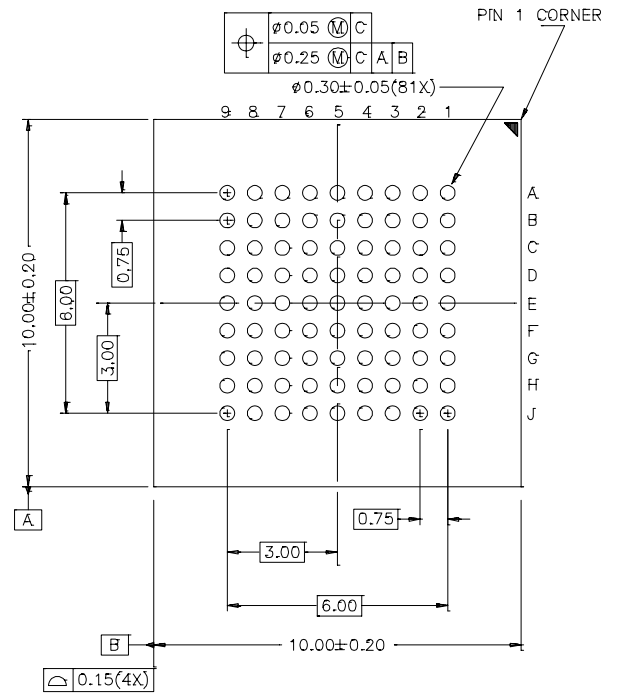
51-85128-A

81-Ball Thin BGA (10x10x1.2 mm) BA81

TOP VIEW

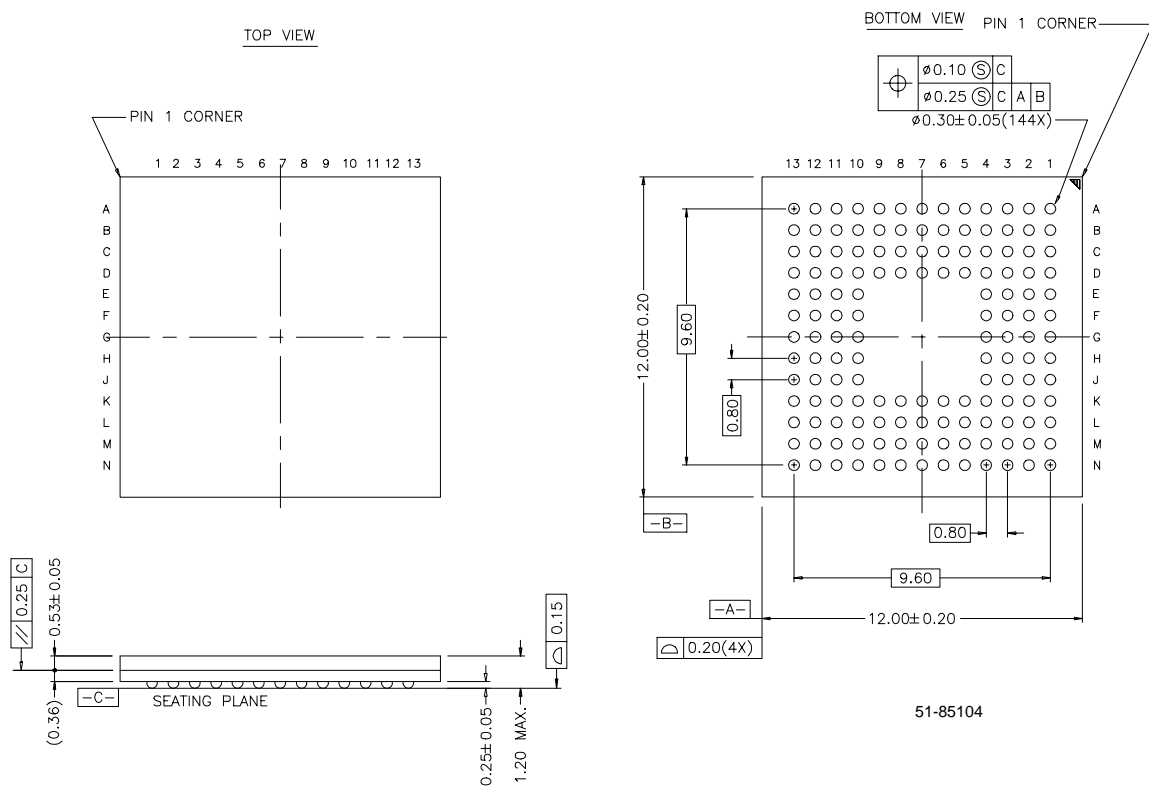


BOTTOM VIEW



51-85140-*A

144-Ball Mini Ball Grid Array BA144



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