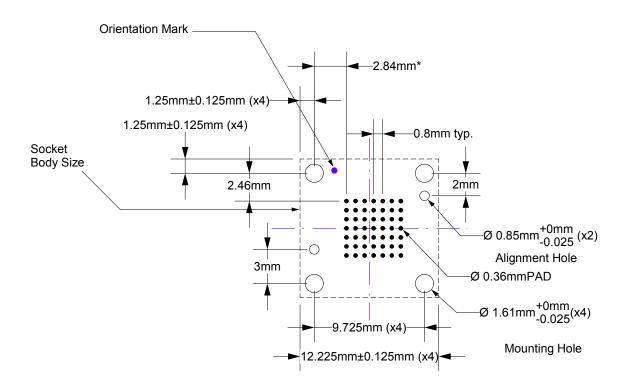


SG-BGA-6100 Drawing	Status: Released	Scale	: -	Rev: B
© 2004 IRONWOOD ELECTRONICS, INC. PO BOX 21151 ST. PAUL, MN 55121 Tele: (651) 452-8100 www.ironwoodelectronics.com	Drawing: H. Hansen		Date: 2/16/04	
	File: SG-BGA-6100 Dwg.mcd		Modified: 4/3/06, MT	

All tolerances: ±0.125mm (unless stated otherwise). Materials and specifications are subject to change without notice.



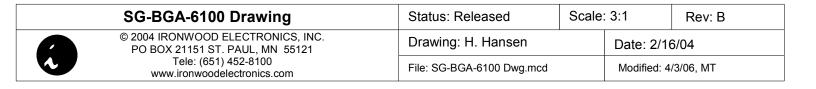
Note: Full BGA pattern shown. Please adjust pattern according to individual requirements.

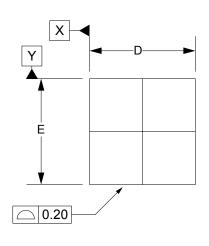
Target PCB Recommendations
Total thickness: 1.6mm min.
Plating: Gold or Solder finish

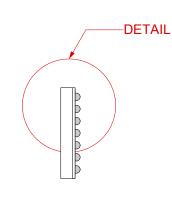
PCB Pad height: Same or higher than solder mask

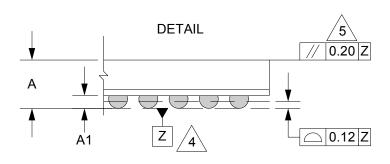
NOTE: Steel backing plate may be required based on end user's application

Recommended PCB Layout Tolerances: ±0.025mm [±0.001"] unless stated otherwise.



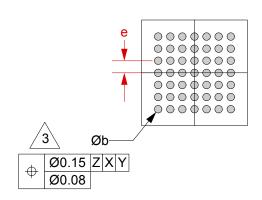






TOP VIEW

SIDE VIEW



BOTTOM VIEW

- 1. Dimensions are in millimeters.
- Interpret dimensions and toleraces per ASME Y14.5M-1994.
- Dimension b is measured at the maximum solder ball diameter, parallel to datum plame Z.
- Datum Z (seating plane) is defined by the spherical crowns of the solder balls.

5	Parallelism measurement shall exclude any effect of mark on top surface of package.
	effect of mark on top surface of package.

DIM	MIN	MAX		
Α	1.09	1.29		
A1	0.25	0.35		
b	0.40	0.50		
D	6.00 BSC			
E	6.00 BSC			
е	0.80 BSC			

Array 7x7

SG-BGA-6100 Drawing	Status: Released	Scale:	-	Rev: B
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