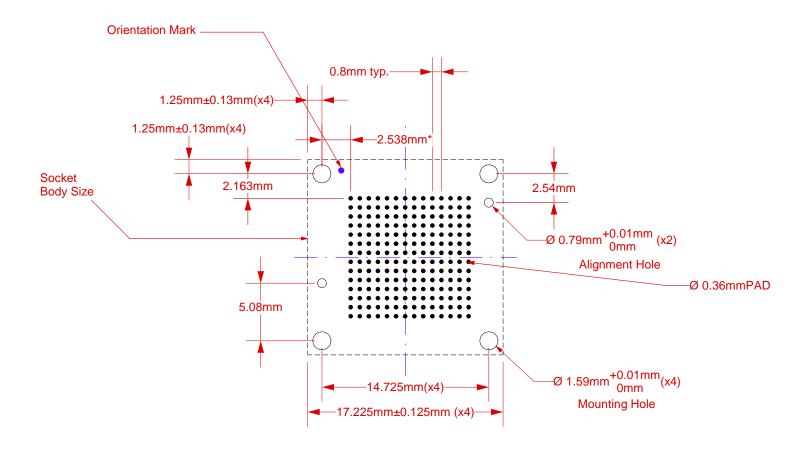


SG-BGA-6044 Drawing	Status: Released	Scale:	-	Rev: C
© 2009 IRONWOOD ELECTRONICS, INC. 11351 Rupp Drive, Suite 400, Burnsville, MN 55337 Tele: (952) 229-8200 www.ironwoodelectronics.com	Drawing: H. Hansen		Date: 3/28/02	
	File: SG-BGA-6044 Dwg.mcd		Modified: 6/12/09, AE	

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



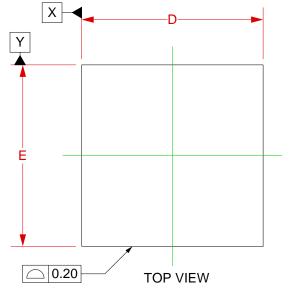
Target PCB Recommendations
Total thickness: 1.6mm min.
Plating: Gold or Solder finish

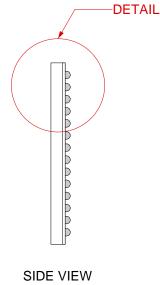
PCB Pad height: Same or higher than solder mask

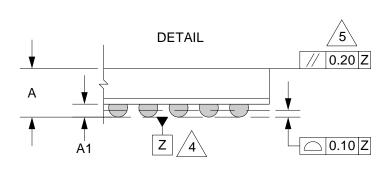
NOTE: Steel backing plate may be required based on end user's application

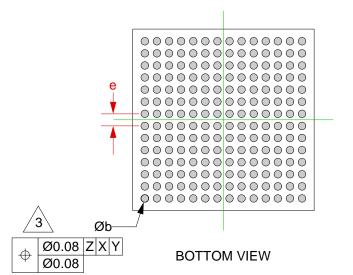
Recommended PCB Layout Tolerances: ±0.025mm [±0.001"] unless stated otherwise.

SG-BGA-6044 Drawing	Status: Released	Scale: 3:1		Rev: C
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	File: SG-BGA-6044 Dwg.mcd		Modified: 6/12/09, AE	









- 1. Dimensions are in millimeters.
- 2. 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.
- Parallelism measurement shall exclude any effect of mark on top surface of package.

DIM	MIN	MAX		
Α		1.4		
A1	0.35	0.45		
b		0.55		
D	12.00 BSC			
E	12.00 BSC			
е	0.80 BSC			

Array 14x14

SG-BGA-6044 Drawing	Status: Released	Scale: -		Rev: C
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	File: SG-BGA-6044 Dwg.mcd		Modified: 6/12/09, AE	