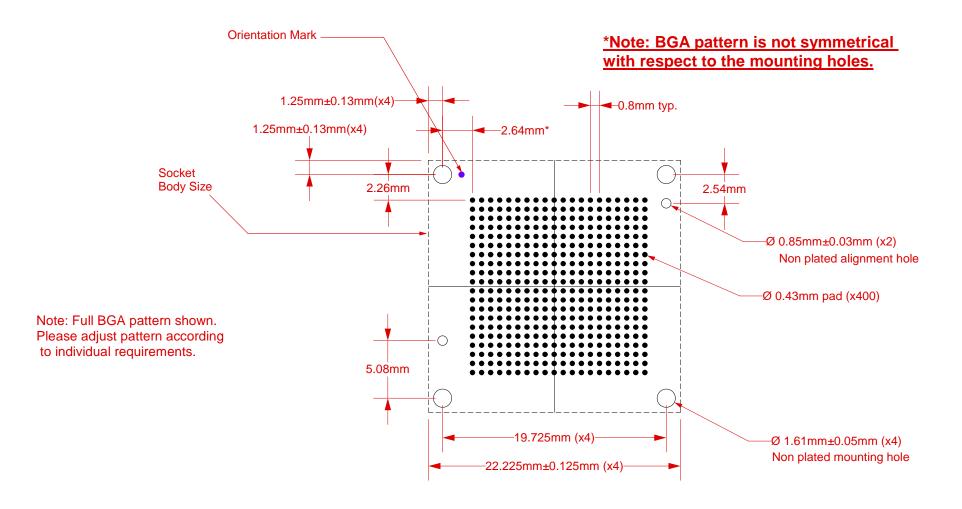


SG-BGA-6173 Drawing	Status: Released Scale:		-	Rev: C
© 2009 IRONWOOD ELECTRONICS, INC. 11351 Rupp Drive, Suite 400, Burnsville, MN 55337 Tele: (952) 229-8200 www.ironwoodelectronics.com	Drawing: S.Natarajan		Date: 12/8/05	
	File: SG-BGA-6173 Dwg.mcd		Modified: 7/6/09, AE	

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



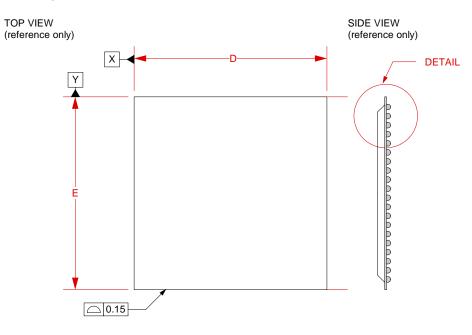
Target PCB Recommendations
Total thickness: 1.6mm min.
Plating: Gold or Solder finish

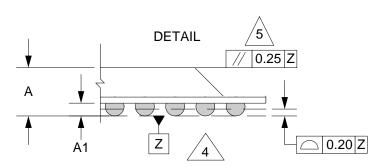
PCB Pad height: Same or higher than solder mask

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

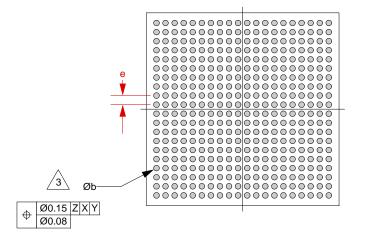
Recommended PCB Layout Tolerances: ±0.025mm [±0.001"] unless stated otherwise.

SG-BGA-6173 Drawing	Status: Released	Scale:	3:1	Rev: C
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	File: SG-BGA-6173 Dwg.mcd		Modified: 7/6/09, AE	





BOTTOM VIEW (reference only)



- 1. Dimensions are in millimeters.
- Interpret dimensions and toleraces per ASME Y14.5M-1994.

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/3∖	

Dimension b is measured at the maximum solder ball diameter, parallel to datum plane 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		1.99		
A1	0.36	0.44		
b	0.45	0.55		
D	D 17.00 BSC			
E	17.00 BSC			
е	e 0.8 BSC			

Array 20x20

SG-BGA-6173 Drawing	Status: Released	Scale:	: -	Rev: C
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	File: SG-BGA-6173 Dwg.mcd		Modified: 7/6/09, AE	