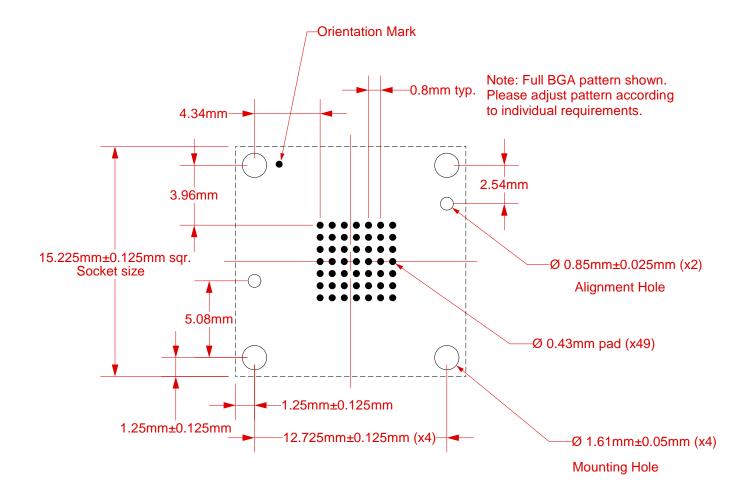


SG-BGA-6142 Drawing	Status: Released	Scale:	-	Rev: D	All tolerances: ±0.125mm (unless stated otherwise). Materials and specifications	
© 2009 IRONWOOD ELECTRONICS, INC. 11351 Rupp Drive, Suite 400, Burnsville, MN 55337	Drawing: H. Hansen		Date: 1/10/05		are subject to change without notice.	
Tele: (952) 229-8200 www.ironwoodelectronics.com	File: SG-BGA-6142 Dwg		Modified: 05	5/07/14, DH	PAGE 1 of 3	



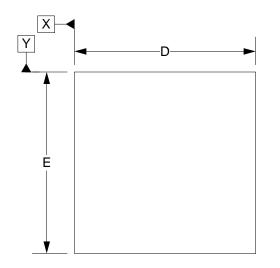
Target PCB Recommendations

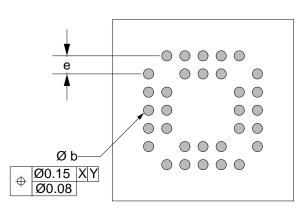
Total thickness: 2.4mm min. Plating: Gold or Solder finish PCB Pad height: Same or higher than solder mask

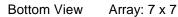
Recommended PCB Layout Tolerances: ±0.025mm [±0.001"] unless stated otherwise.

SG-BGA-6142 Drawing	Status: Released	Scale	: 4:1	Rev: D	
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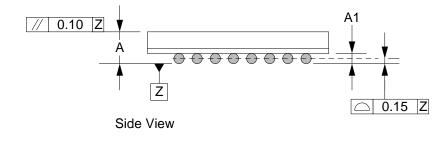
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Top View



- 1. Dimensions are in millimeters.
- 2. Interpret dimensions and tolerances per ASME Y14.5M-1994.
- 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			
	А		3.65			
	A1	0.25	0.44			
	b	0.5	0.6			
	D	7.0 BSC				
	E 7.0 BSC e 0.8 BSC					

SG-BGA-6142 Drawing	Status: Released Scale		-	Rev: D
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