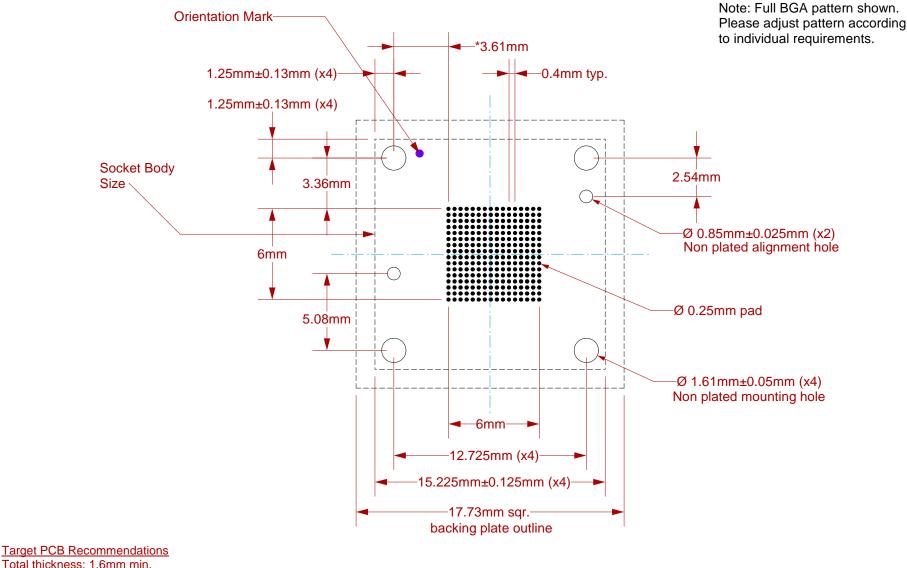


SG-BGA-7070 Drawing	Status: Released	Scale	- :-	Rev: B	All tolerances: ±0.125mm (unless s otherwise). Materials and specifica	
© 2005 IRONWOOD ELECTRONICS, INC.	Drawing: H. Hansen		Date: 10/4/05		are subject to change without notic	
Tele: (952) 229-8200 www.ironwoodelectronics.com	File: SG-BGA-7070 Dwg		Modified: 6/4/09, AE		PAGE 1 of 4	

n (unless stated d specifications thout notice.

*Note: BGA pattern is not symmetrical with respect to the mounting holes.



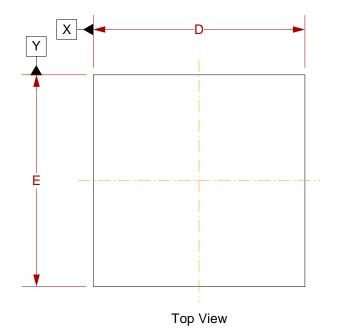
Total thickness: 1.6mm min. Plating: Gold or Solder finish PCB Pad height: Same or higher than solder mask

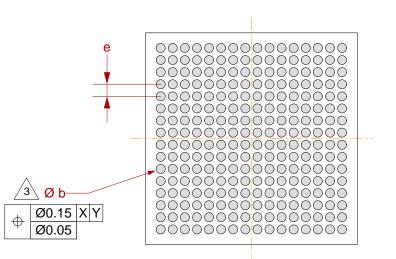
All dimensions are in mm unless stated otherwise

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

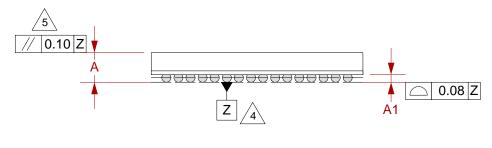
SG-BGA-7070 Drawing		Status: Released	Scale: 4:1		Rev: B
	© 2005 IRONWOOD ELECTRONICS, INC. Tele: (952) 229-8200 www.ironwoodelectronics.com	Drawing: H. Hansen		Date: 10/4/05	
		File: SG-BGA-7070 Dwg		Modified: 6/4/09, AE	

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Bottom View



Front View

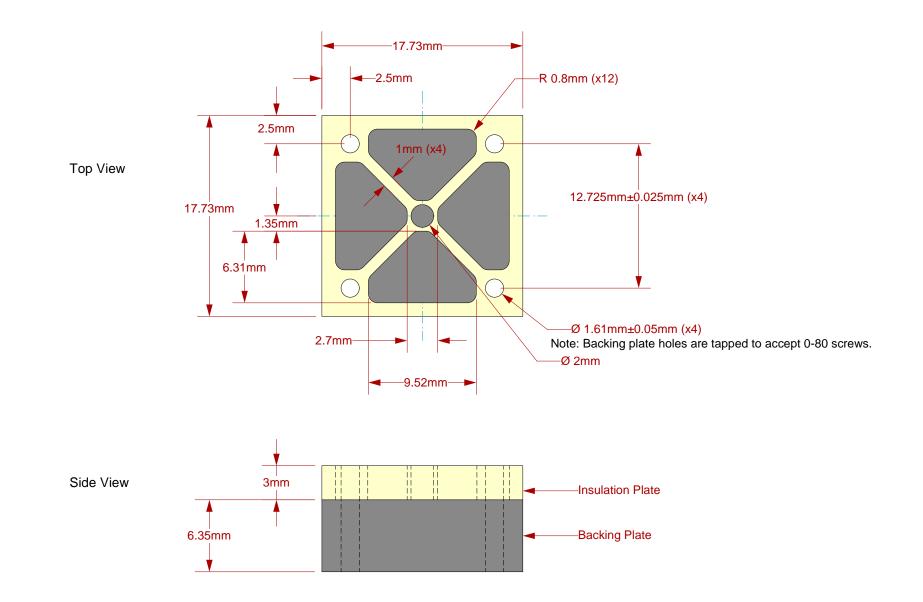
- 1. Dimensions are in millimeters.
- 2. Interpret dimensions and tolerances per ASME Y14.5M-1994.
- Datum Z (seating plane) is defined by the spherical crowns of the solder balls
- Arallelism measurement shall exclude any effect of mark on top surface of package.

	DIM	MIN	MAX		
	Α		1.0		
	A1	0.15	0.25		
	b		0.30		
	D	7.0	BSC		
6.	E	7.0 BSC			
	е	0.4 BSC			

16 x 16 array

SG-BGA-7070 Drawing		Status: Released	Scale	: 1:0.125	Rev: B	
	© 2005 IRONWOOD ELECTRONICS, INC. Tele: (952) 229-8200 www.ironwoodelectronics.com	Drawing: H. Hansen	Drawing: H. Hansen		Date: 10/4/05	
		File: SG-BGA-7070 Dwg	File: SG-BGA-7070 Dwg		Modified: 6/4/09, AE	

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Description: Insulation Plate and Backing Plate

 SG-BGA-7070 Drawing
 Status: Released
 Scale: Rev: B

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 Drawing: H. Hansen
 Date: 10/4/05

 File: SG-BGA-7070 Dwg
 Modified: 6/4/09, AE
 All dimensions are in mm. All tolerences are +/- 0.125mm. (Unless stated otherwise)

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