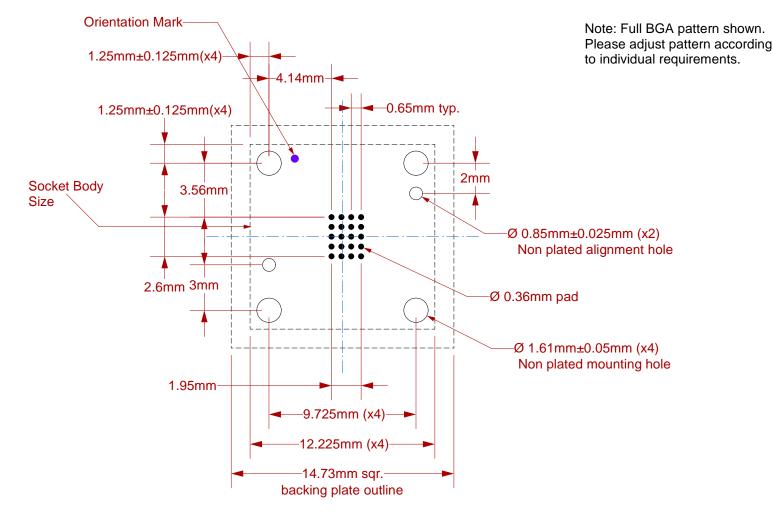


SG-BGA-7012 Drawing	3GA-7012 Drawing Status: Released Scale: -		Rev: E	All tolerances: ±0.125mm (unless southerwise). Materials and specification		
© 2009 IRONWOOD ELECTRONICS, INC. Tele: (952) 229-8200	Drawing: E Smolentseva Date		Date: 2/12	2/03	are subject to change without notic	
www.ironwoodelectronics.com	File: SG-BGA-7012 Dwg		Modified: 6/26/09, AE		PAGE 1 of 4	

rances: ±0.125mm (unless stated ise). Materials and specifications ject to change without notice.

Recommended PCB Layout Top View

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



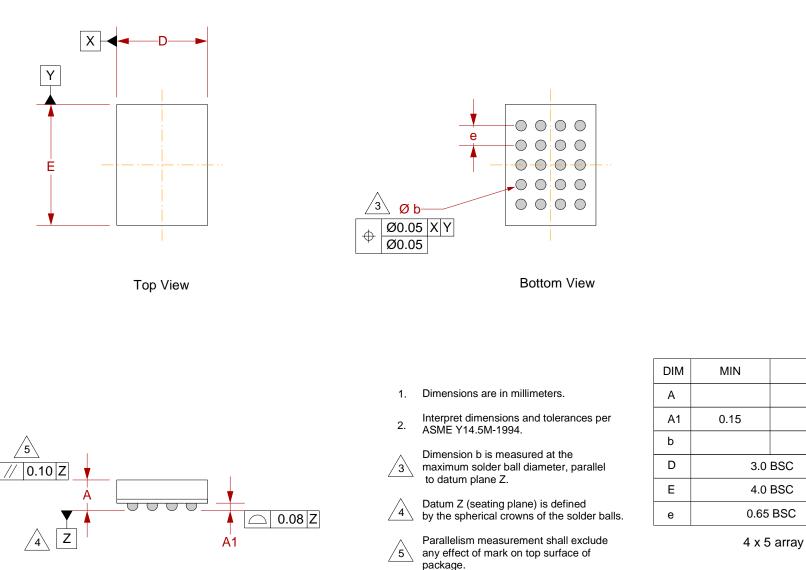
<u>Target PCB Recommendations</u> Total thickness: 1.6mm min. Plating: Gold or Solder finish PCB Pad height: Same or higher than solder mask

All dimensions are in mm unless stated otherwise

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

SG-BGA-7012 Drawing	Status: Released Scal		4:1	Rev: E
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	File: SG-BGA-7012 Dwg		Modified: 6/26/09, AE	

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End View

All dimensions are in mm unless stated otherwise

SG-BGA-7012 Drawing		Status: Released	Scale: 1:0.125		Rev: E	
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		File: SG-BGA-7012 Dwg	File: SG-BGA-7012 Dwg		Modified: 6/26/09, AE	

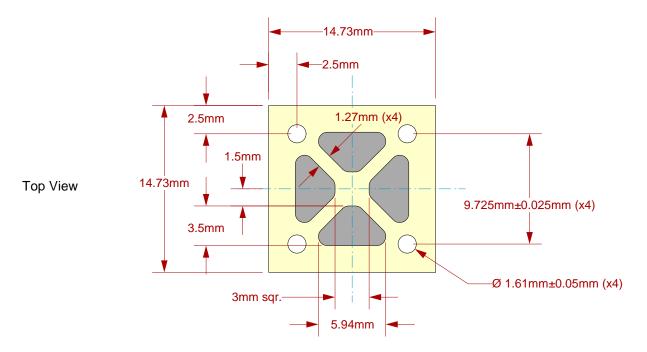
PAGE 3 of 4

MAX

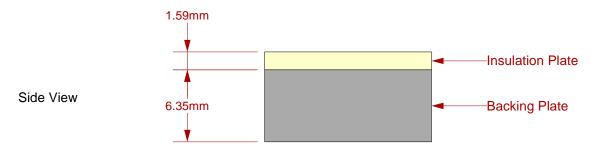
1.0

0.25

0.45



Note: Backing plate holes are tapped to accept 0-80 screws.



Description: Insulation Plate and Backing Plate

All dimensions are in mm. All tolerences are +/- 0.125mm. (Unless stated otherwise)



	SG-BGA-7012 Drawing	Status: Released	Scale: -		Rev: E
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		File: SG-BGA-7012 Dwg		Modified: 6/26/09, AE	