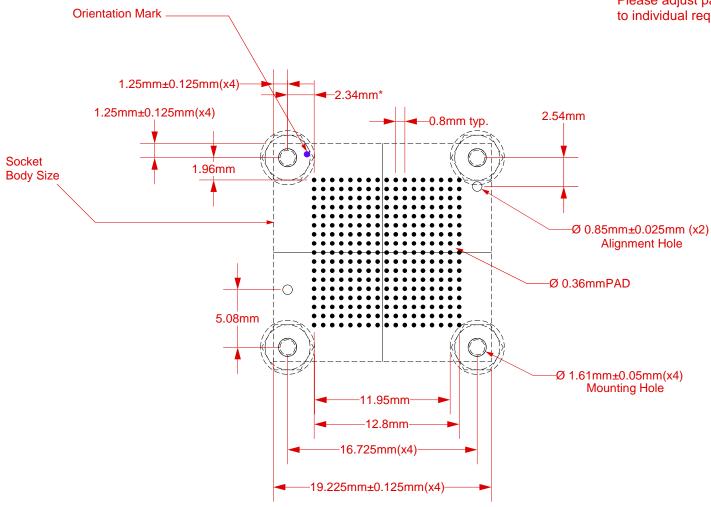
SG-BGA-6112 Drawing		Status: Released	Scale: -		Rev: B
PO	© 2004 IRONWOOD ELECTRONICS, INC. PO BOX 21151 ST. PAUL, MN 55121	Drawing: H. Hansen		Date: 4/26/04	
	Tele: (651) 452-8100 www.ironwoodelectronics.com	File: SG-BGA-6112 Dwg		Modified: 6/2/09	

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

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

Note: Maximum BGA pattern shown. Please adjust pattern according to individual requirements.



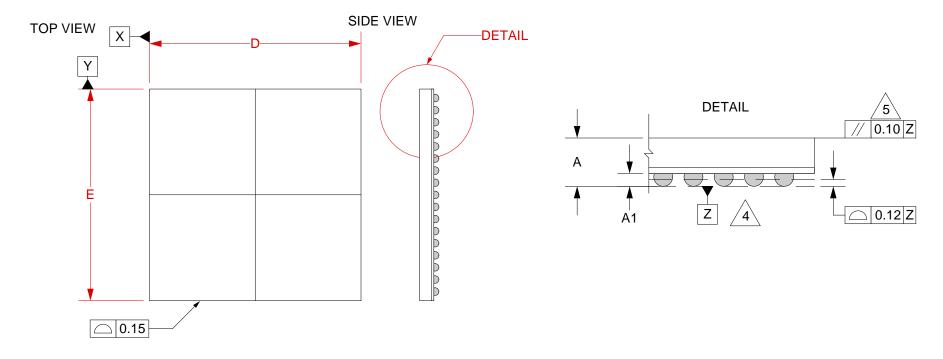
Target PCB Recommendations
Total thickness: 1.6mm min.
Plating: Gold or Solder finish

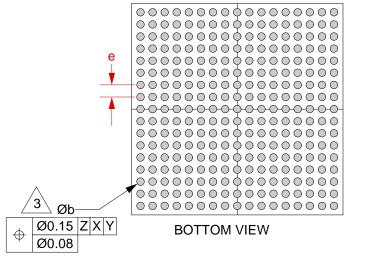
PCB Pad height: Same or higher than solder mask

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-6112 Drawing	Status: Released	Scale: 3:1		Rev: B
© 2004 IRONWOOD ELECTRONICS, INC. PO BOX 21151 ST. PAUL, MN 55121	Drawing: H. Hansen		Date: 4/26/04	
Tele: (651) 452-8100 www.ironwoodelectronics.com	File: SG-BGA-6112 Dwg		Modified: 6/2/09	





- 1. Dimensions are in millimeters.
- 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			
А		1.16			
A1	0.3	0.4			
b	0.4	0.5			
D	14.00 BSC				
Е	14.00 BSC				
е	0.80 BSC				

Array 17x17

SG-BGA-6112 Drawing	Status: Released	Scale:	-	Rev: B
© 2004 IRONWOOD ELECTRONICS, INC. PO BOX 21151 ST. PAUL, MN 55121	Drawing: H. Hansen		Date: 4/26/04	
Tele: (651) 452-8100 www.ironwoodelectronics.com	File: SG-BGA-6112 Dwg		Modified: 6/2/09	