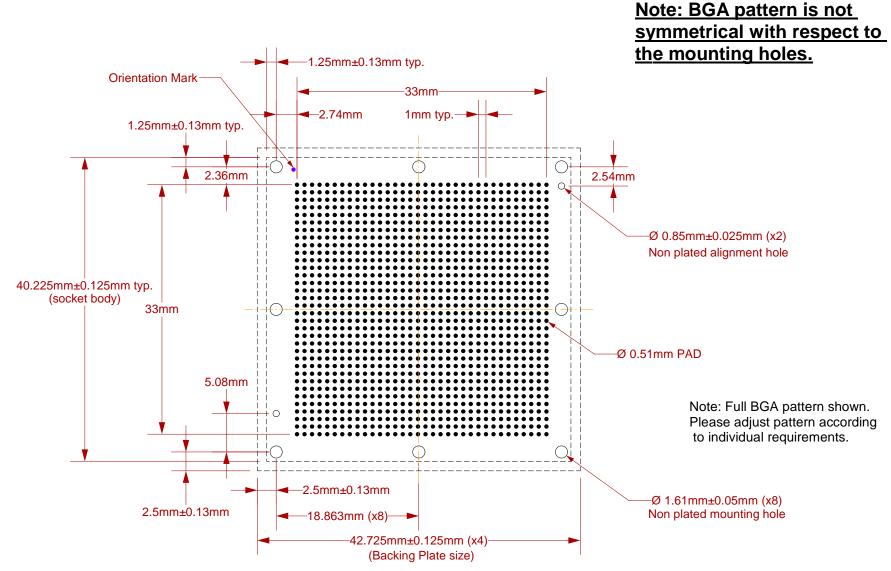


| SG-BGA-6091 Drawing | Status: Released | Scale: | - | Rev: D |
|--|-----------------------|--------|-----------------------|--------|
| © 2009 IRONWOOD ELECTRONICS, INC. 11351 Rupp Drive, Suite 400, Burnsville, MN 55337 | Drawing: H. Hansen | | Date: 8/26/03 | |
| Tele: (952) 229-8200 www.ironwoodelectronics.com | File: SG-BGA-6091 Dwg | | Modified: 7/21/09, AE | |

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



Target PCB Recommendations
Total thickness: 2.4mm min.
Plating: Gold or Solder finish

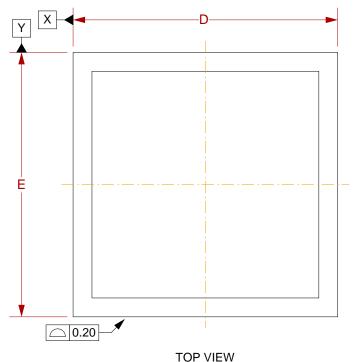
PCB Pad height: Same or higher than solder mask

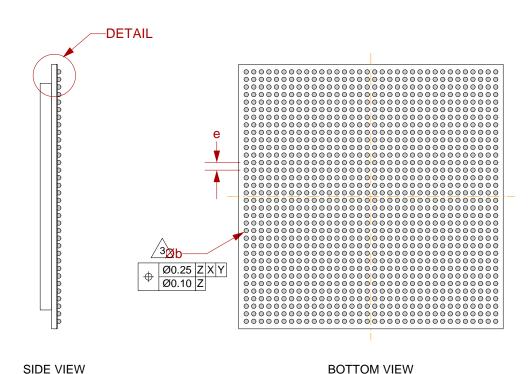
NOTE: Steel backing plate may be required based on end user's application

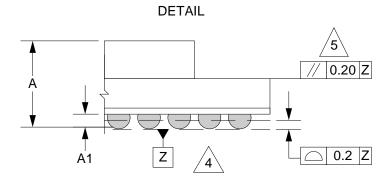
Recommended PCB Layout Tolerances: ±0.025mm [±0.001"] unless stated otherwise.

| SG-BGA-6091 Drawing | Status: Released | Scale | - | Rev: D |
|----------------------|-----------------------|-------|-----------------------|--------|
| Tele: (952) 229-8200 | Drawing: H. Hansen | | Date: 8/26/03 | |
| | File: SG-BGA-6091 Dwg | | Modified: 7/21/09, AE | |

Compatible BGA Spec





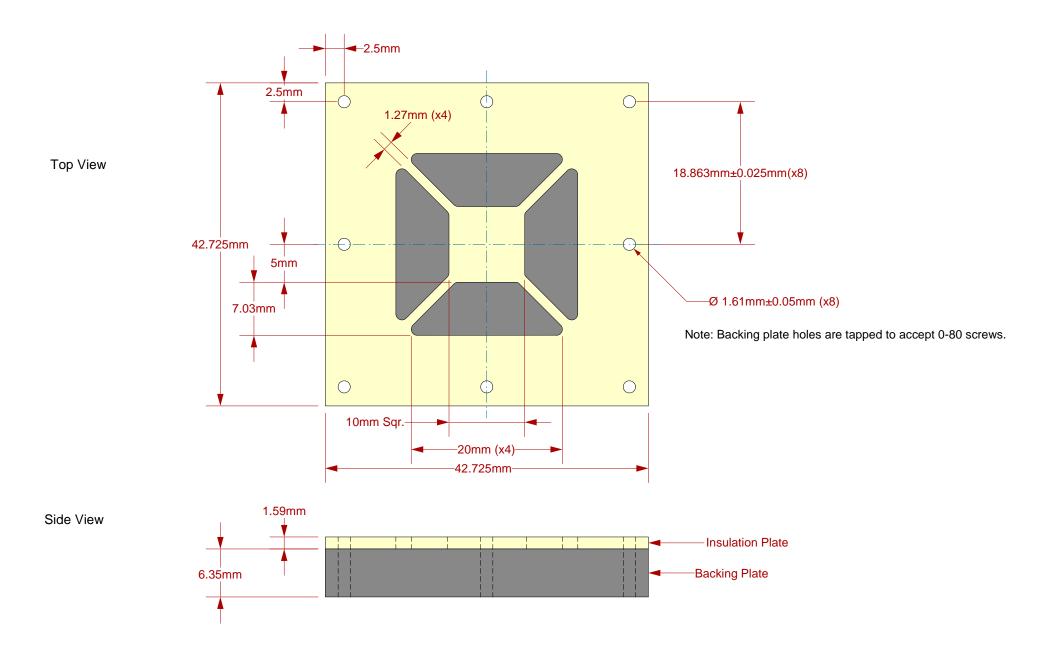


- Dimensions are in millimeters.
- Interpret dimensions and tolerances per ASME Y14.5M-1994.
- Dimension b is measured at the maximum solder ball diameter, parallel to datum plane
- Datum Z (seating plane) is defined by the spherical crowns of the solder balls.
- Parallelism measurement shall exclude any effect of mark on top surface of package.

| DIM | MIN | MAX | | |
|-----|----------|------|--|--|
| Α | | 6.2 | | |
| A1 | 0.77 | 0.82 | | |
| b | | 0.85 | | |
| D | 35.0 BSC | | | |
| Е | 35.0 BSC | | | |
| е | 1.00 BSC | | | |
| | | | | |

Array 34x34

| SG-BGA-6091 Drawing | Status: Released | Scale: | - | Rev: D |
|--|-----------------------|--------|-----------------------|--------|
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| | File: SG-BGA-6091 Dwg | | Modified: 7/21/09, AE | |



Description: Insulation Plate and Backing Plate

| SG-BGA-6091 Drawing | Status: Released | Scale: | - | Rev: D |
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| | File: SG-BGA-6091 Dwg | | Modified: 7/21/09, AE | |

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