

**Features**

- Directly mates with a compatible SMT adapter.
- Minimum real estate required
- Compression plate distributes evenly
- Clamshell lid

**Materials:**

- ① Clam Shell Lid: Nickel Plated Aluminum.  
Height = 20 mm.

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- ② Socket Base: Nickel Plated Aluminum.  
Height = 6 mm.

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- ③ Compression Plate: Nickel Plated Aluminum.  
Thickness = 12 mm.

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- ④ Compression Screw: Nickel Plated Aluminum.  
Height = 27 mm, Fluted Knob

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- ⑤ Stamped Pin:  
Stamped Contact: BeCu, Au Plate  
Spring SS, Au Plate

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- ⑥ Pogo Pin Guides: Peek

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- ⑦ Pogo Pin Guide Screw: Pan head phillips, 18-8 SS,  
0-80 thread, 3/16" long.

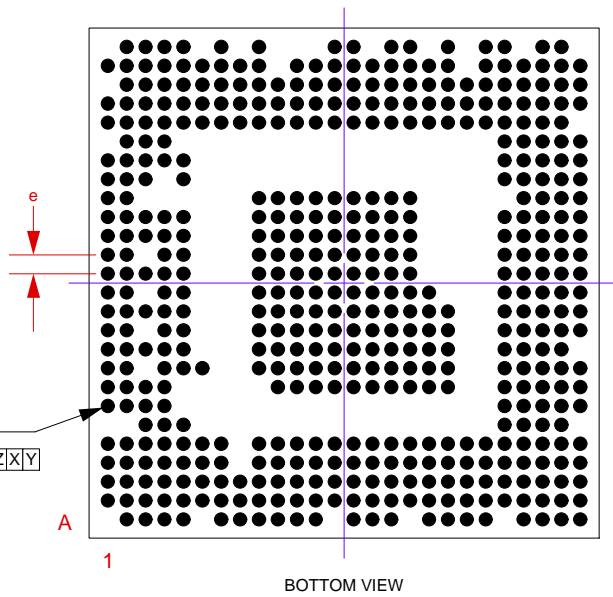
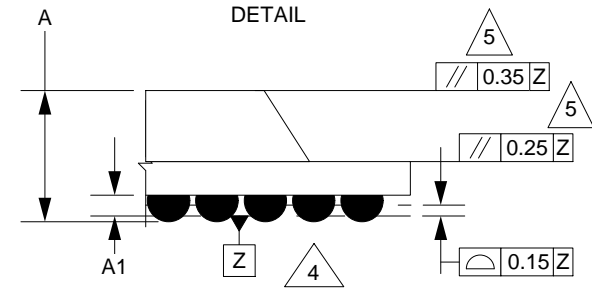
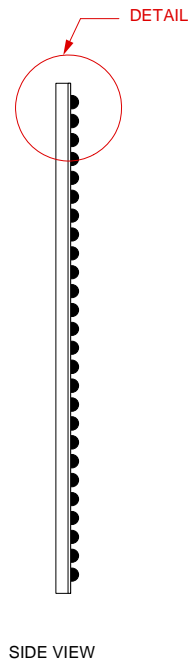
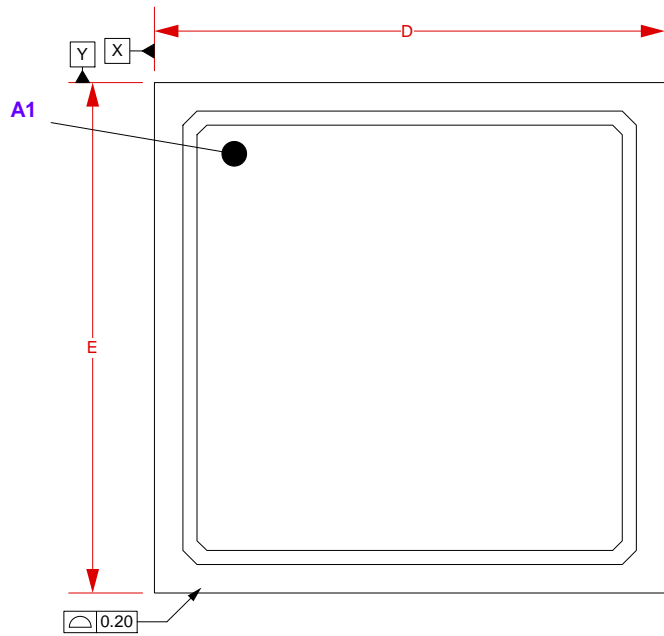
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- ⑧ Latch: Nickel Plated Aluminum.

	<b>CBT-BGA-6007 Drawing</b>	Status: Released	Scale: 3:1	Rev: A
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		File: CBT-BGA-6007 Dwg	Modified:	

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

**Compatible BGA Spec**




1. Dimensions are in millimeters.
  2. Interpret dimensions and tolerances per ASME Y14.5M-1994.
- Dimension b is measured at the maximum solder ball diameter, parallel to datum plane 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.

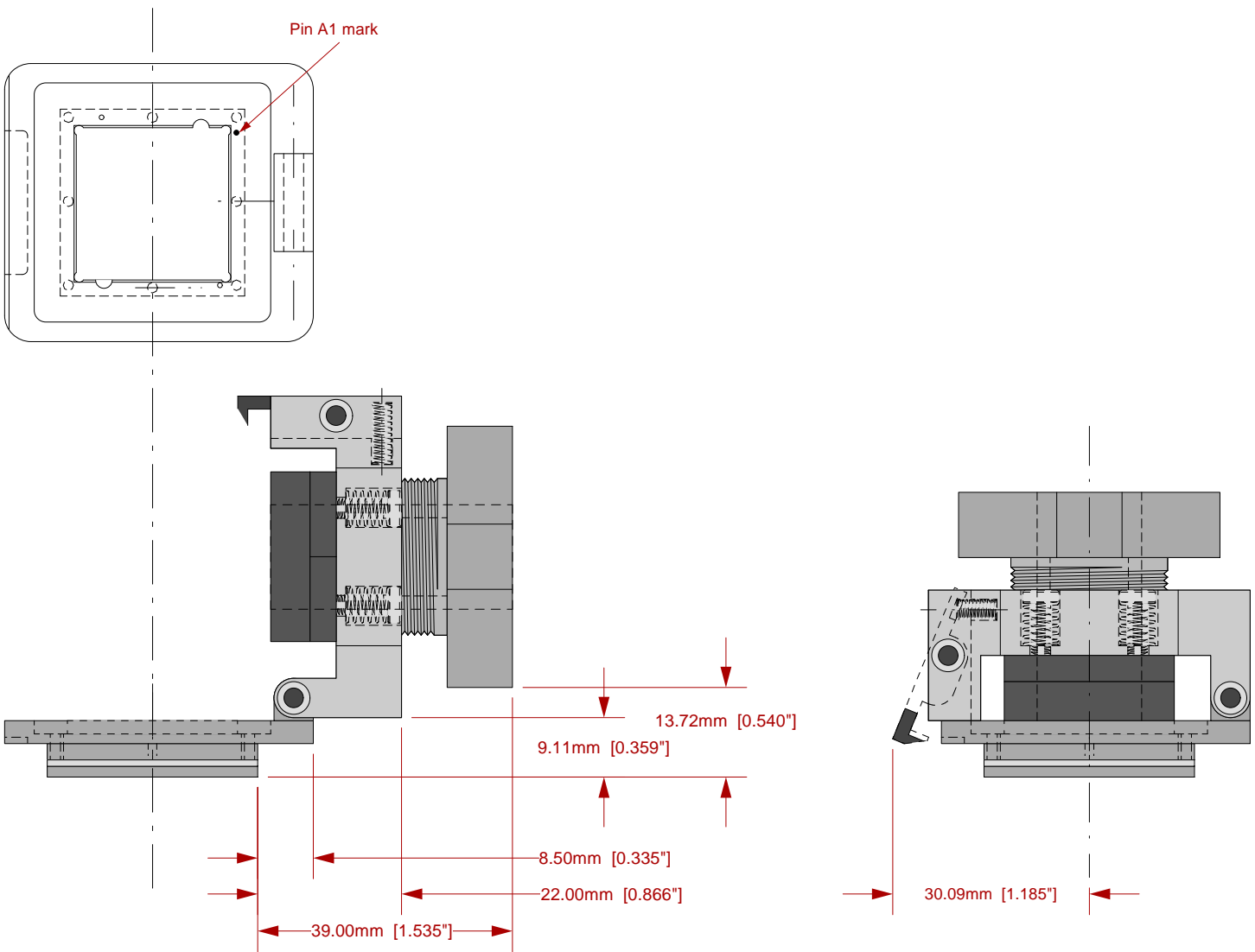
BOTTOM VIEW


DIM	MIN	MAX
A		2.33
A1	0.3	0.5
b		0.60
D	27.00 BSC	
E	27.00 BSC	
e	1.0 BSC	

26x26 Array

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**Top View of Socket Base**



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	<p>Drawing: Sri Natarajan</p>		<p>Date: 12/18/2012</p>	
	<p>File: CBT-BGA-6007 Dwg</p>		<p>Modified:</p>	

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