

Plugs onto SF-BGA352E-B-42(F) IE part #

Features

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

Materials:

- ① Clam Shell Lid: Black anodized Aluminum. Height = 20 mm.
- ② Socket Base: Black anodized Aluminum. Height = 6 mm.
- ③ Compression Plate: Black anodized Aluminum. Thickness = 12 mm.
- ④ Compression Screw: Clear anodized Aluminum. Height = 27 mm, Fluted Knob
- Stamped Pin:
⑤ Stamped Contact: BeCu, Au Plate
Spring SS, Au Plate
- ⑥ Pogo Pin Guides: Peek
- ⑦ Pogo Pin Guide Screw: Pan head phillips, 18-8 SS, 0-80 thread, 3/16" long.
- ⑧ Latch: Black anodized Aluminum.
- ⑨ Substrate: 3.18mm ± 0.125 mm [0.125" ± 0.005 "] FR4/G10 or equivalent high temp material. Non-clad.
- ⑩ Pin: Brass - PS-2
Plating: 10u" Au over 50u" Ni min.

CBT-BGA-6008 Drawing

Status: Released

Scale: 3:1

Rev: A

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Tele: (952) 229-8200
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Drawing: V.Panavala

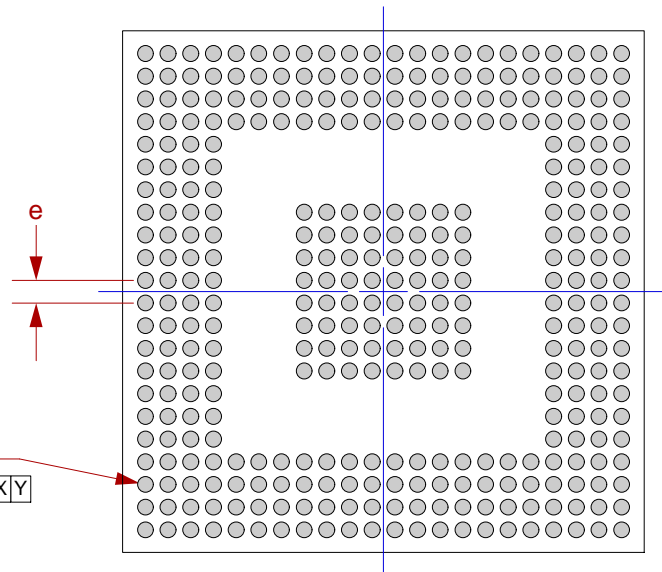
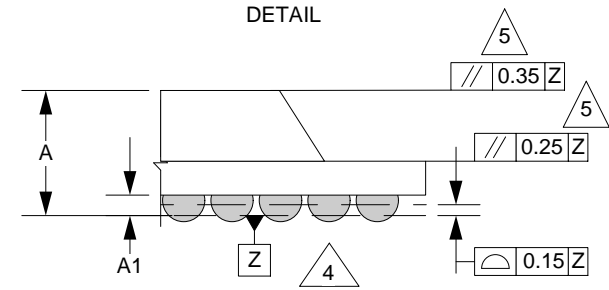
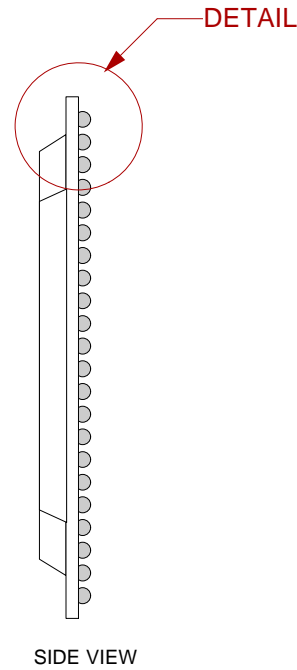
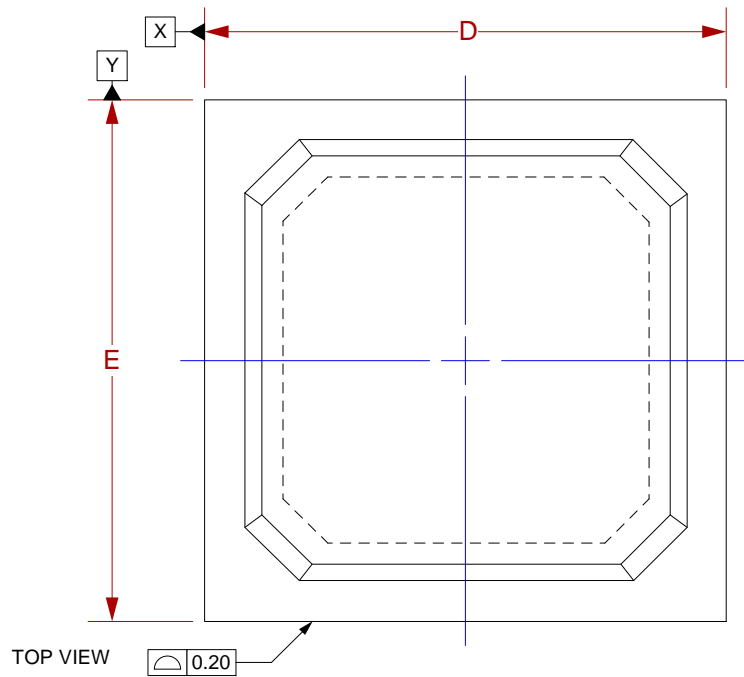
Date: 10/21/2010

File: CBT-BGA-6008 Dwg




Modified:

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

Compatible BGA Spec




1. Dimensions are in millimeters.
2. Interpret dimensions and tolerances per ASME Y14.5M-1994.

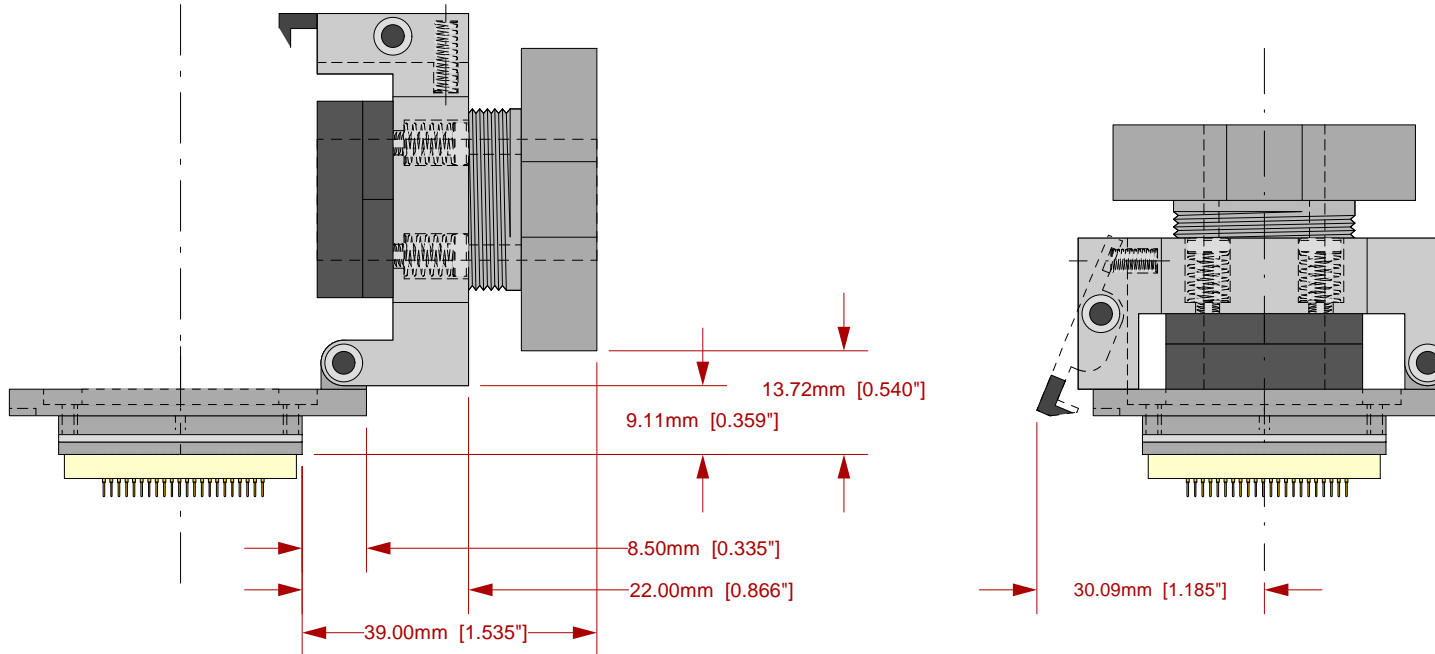
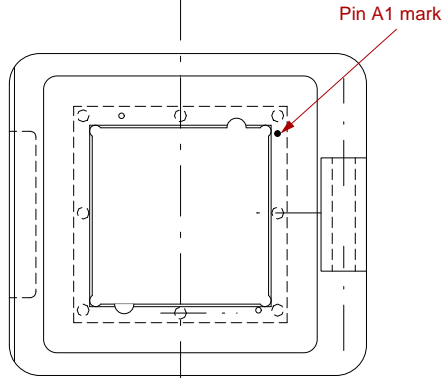
-  Dimension b is measured at the maximum solder ball diameter, parallel to datum plane Z.
-  Datum Z (seating plane) is defined by the spherical crowns of the solder balls.
-  Parallelism measurement shall exclude any effect of mark on top surface of package.


DIM	MIN	MAX
A		2.45
A1	0.4	0.6
b		0.70
D	23.00 BSC	
E	23.00 BSC	
e	1.0 BSC	

Array 22x22

	CBT-BGA-6008 Drawing	Status: Released	Scale: 3:1	Rev: A
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Top View of Socket Base



	CBT-BGA-6008 Drawing	Status: Released	Scale: 1:1	Rev: A
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		File: CBT-BGA-6008 Dwg		Modified:

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