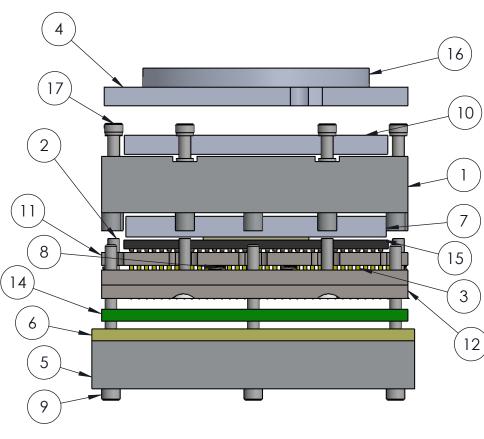
## SBT-BGA DIRECT MOUNT, SOLDERLESS SOCKET FOR BURN-IN AND TEST APPLICATIONS



## Features

File: SBT-BGA-6000

- Wide temperature range (-55C to +180C)
- High current capability (up to 8A)
- Excellent signal integrity at high frequencies
- Low and stable contact resistance for reliable production yield
- Highly compliant to accommodate wide co-planarity variations
- Automated probe manufacturing enables low cost and short lead time

	ITEM NO.	Description		Mate	erial	
	1	SBT socket base, Ni Plated, 35 0.375 shift	5x35mm,	7075-T6, Plate (SS) Material <not specified=""></not>		
	2	Screw, #0-80 X .313", Flat	, SS			
Ī	3	Pogo Pin, 1mm Pitch SBT B	GA pin			
	4	Socket Lid 35mm GHz swivel		7075-T6 Aluminum Alloy		
	5	CBT/SBT Ni plt Backing Plate 3 IC	35x35mm	7075-10, Flate (55)		
Ì	6	Insulation Plate 35x35mm	n IC	High Te	mp Fr4	
ĺ	7	Compression plate 35mm with	n cutout	7075-T6 Aluminum Alloy Alloy Steel (SS) Stainless Steel (18-8) 7075-T6 Aluminum Alloy PEEK Ceramic filled PEEK Ceramic filled PEEK Ceramic filled High Temp FR4 High Temp FR4 7075-T6 Aluminum Alloy Stainless Steel (303)		
ĺ	8	Floating Guide Spring				
	9	#0-80 X .75 LG, SOC HD CAP 18-8 SS	SCREW,			
	10	SBT Ni plt Compression P 35x35mm IC	late,			
İ	11	Floating Guide 35mm SBT-BC	GA1156			
l	12	Bottom Guide SBT-BGA1	156			
	13	Middle Guide SBT-BGA1	156			
	14	Test PCB 34x34 array 1mm	n pitch			
ĺ	15	Test Chip 35mm 34x34 a	rray			
ĺ	16	Compression Screw, M3				
	17	#0-80 Shoulder Screw, 0.090 length	' thread			
S	TATUS: F	Released	SHEET 1	l of 4 REV. D		
D	RAWN BY	/: V. Panavala	SCALE: 2	::1		

DATE: 4/26/2010

## **Description: Socket Specification**

Primary dimension units are millimeters, Secondary dimension units are [inches]. <u>Tolerances:</u> diameters ±0.03mm [±0.001"],all other tolerances ±0.13mm [±0.005"] unless stated otherwise. <u>Materials</u> and specifications are subject to change without notice.

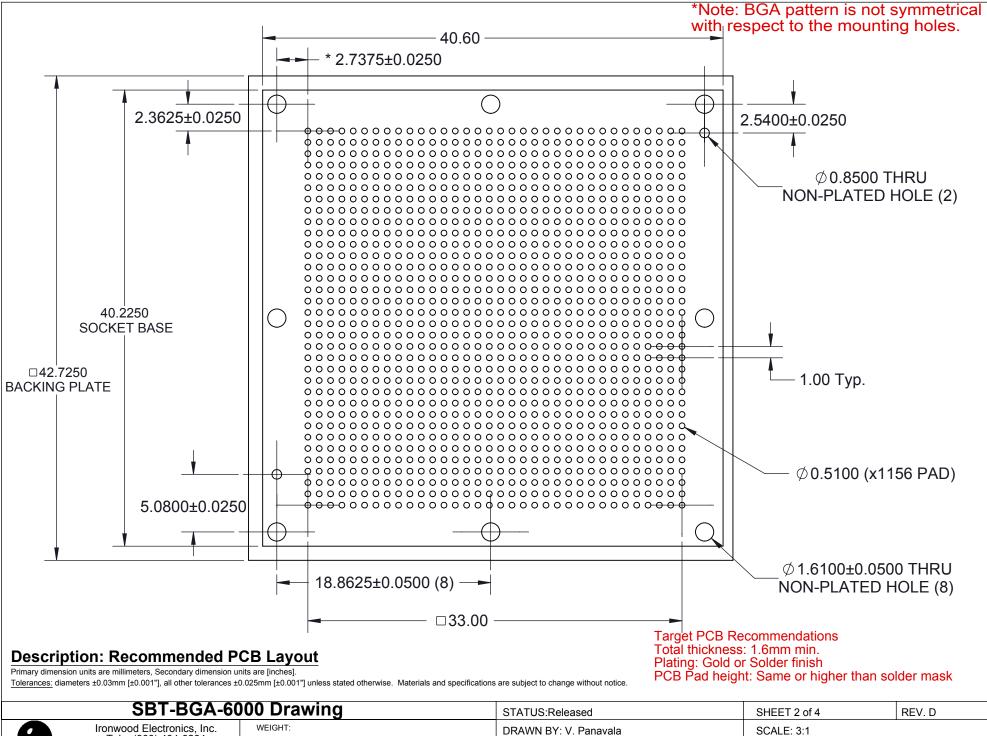
SBT-BGA-6000 Drawing

WEIGHT:

FINISH:

MATERIAL:

Ironwood Electronics, Inc. Tele: (800) 404-0204 www.ironwoodelectronics.com



File: SBT-BGA-6000

DATE: 4/26/2010

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Ironwood Electronics, Inc. WEIGHT: Tele: (800) 404-0204 MATERIAL: www.ironwoodelectronics.com FINISH:

