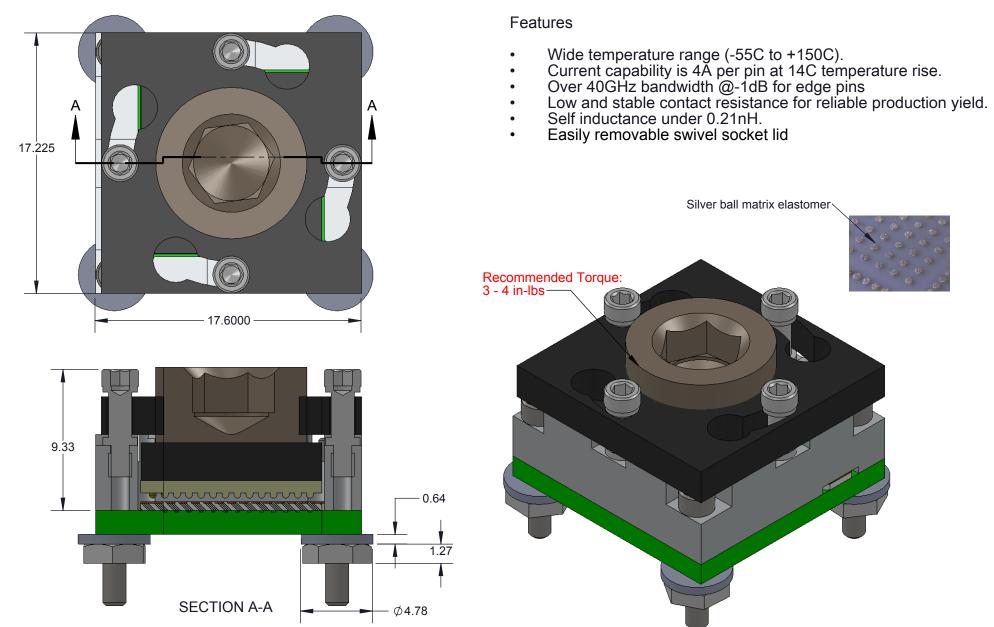
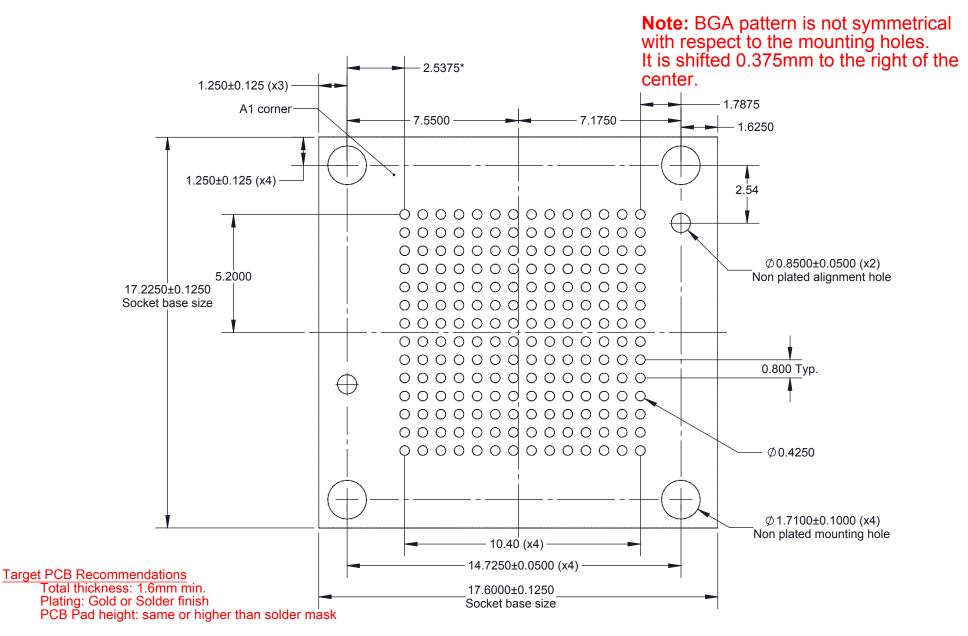
SM-BGA DIRECT MOUNT, SOLDERLESS SOCKET FOR BURN-IN AND TEST APPLICATION



DESCRIPTION: SM-BGA196 12X12mm 14x14 array 0.8mm pitch

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

	SM-BGA-902	1 Drawing	STATUS: Released	SHEET: 1 of 4	REV. A
8	Ironwood Electronics, Inc. WEIGHT: Tele: (800) 404-0204 MATERIAL: www.ironwoodelectronics.com FINISH:		DRAWN BY: S. Huang	SCALE: 4:1	
			File: SM-BGA-9021	DATE: 11/16/12	



DESCRIPTION: Recommended PCB Layout

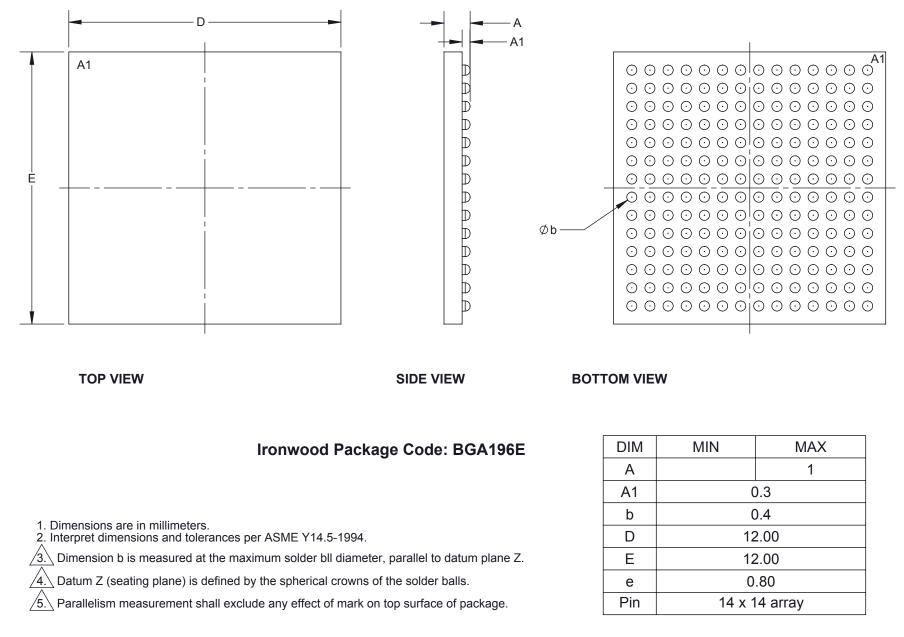
Primary dimension units are millimeters, Secondary dimension units are [inches]. <u>Tolerances:</u> diameters ±0.03mm [±0.001"],all other tolerances ±0.025mm [±0.001"] unless stated otherwise. <u>Materials and specifications are subject to change without notice</u>.

SM-BGA-9021 Drawing



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

STATUS: Released	SHEET: 2 of 4	REV. A
DRAWN BY: S. Huang	SCALE: 6:1	
File: SM-BGA-9021	DATE: 11/16/12	

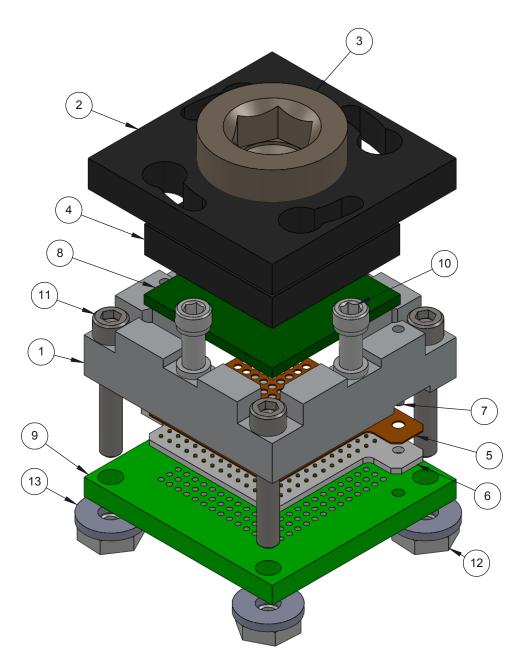


DESCRIPTION: Compatible BGA

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



SM-BGA-902	1 Drawing	STATUS: Released	SHEET: 3 of 4	REV. A
Ironwood Electronics, Inc. Tele: (800) 404-0204	C. WEIGHT: MATERIAL:	DRAWN BY: S. Huang	SCALE: 6:1	
www.ironwoodelectronics.com	FINISH:	File: SM-BGA-9021	DATE: 11/16/12	



ITEM NO.	DESCRIPTION	Material
1	SM Socket Base for 12x12mm IC	7075-T6 Aluminum Alloy
2	Socket Lid 12mm	7075-T6 Alumium Alloy
3	Compression Screw M10	7075-T6 Alumium Alloy
4	Compression Plate	7075-T6 Aluminum Alloy
5	Ball Guide, SM, 12mm, 14x14 array	Kapton Polyimide/Cirlex
6	SM Contactor	Silmat
7	Dowel Pin, 1/32" x 3/16", SS	Chrome Stainless Steel
8	BGA196 ,0.8mm Pitch	FR4
9	Target PCB BGA196	Custom Plastic
10	#0-80 Shoulder Screw, 0.062" thread length	Stainless Steel (303)
11	#0-80 X .375 LG, SOC HD CAP SCREW, ALLOY STL, BLK OXIDE	Alloy Steel
12	Nut, #0-80, SS	Stainless Steel (18-8)
13	Washer, #0 x .025", Nylon	Nylon 6/6

Rev	Date	Initials	Description
Α	-	-	Original

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 and specifications are subject to change without notice</u>.

	SM-BGA-9021	Drawing	STATUS: Released	SHEET: 4 of 4	REV. A
8	Ironwood Electronics, Inc. Tele: (800) 404-0204 www.ironwoodelectronics.com	WEIGHT:	DRAWN BY: S. Huang	SCALE: 4:1	
			File: SM-BGA-9021	DATE: 11/16/12	