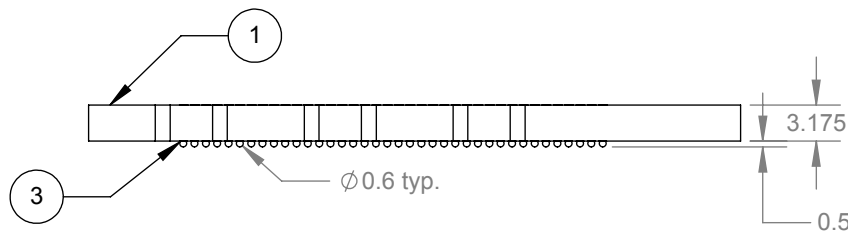


**TOP VIEW**

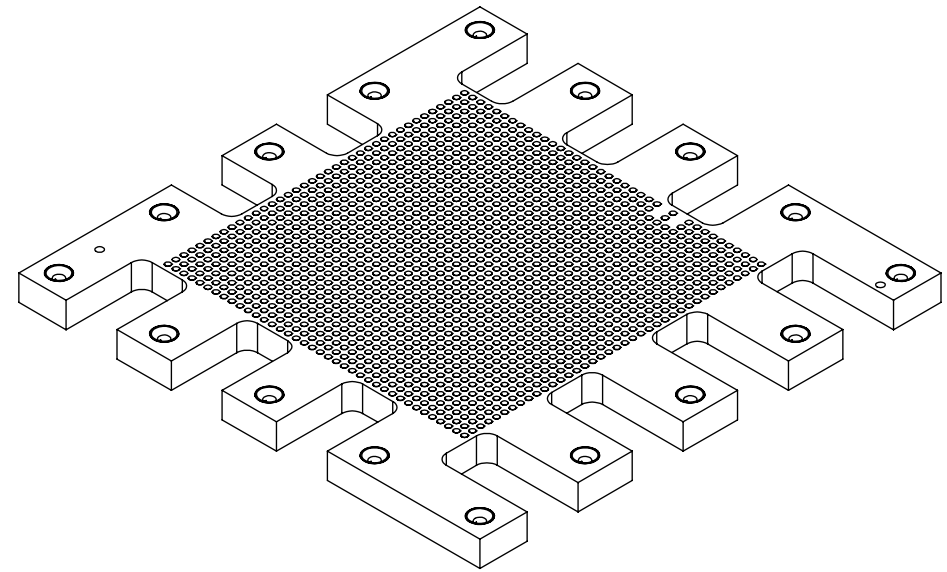


**FRONT VIEW**

**Description:** BGA Surface Mount Adapter 38x38 array 1mm pitch. To be used with GHz BGA sockets.


Primary dimension units are millimeters, Secondary dimension units are [inches].

Tolerances: Hole diameters  $\pm 0.03\text{mm}$  [ $\pm 0.001$ "], Pitches (from true position)  $\pm 0.025\text{mm}$  [ $\pm 0.001$ "], substrate thickness tolerance  $\pm 10\%$ , all other tolerances  $\pm 0.13\text{mm}$  [ $\pm 0.005$ "] unless stated otherwise. Materials and specifications are subject to change without notice.



PART NO. SUFFIX	SOLDER BALL ALLOY
-05	Sn63Pb37
-05F*	Sn96.5Ag3.0Cu0.5
*RoHS Compliant	

ITEM NO.	PART NUMBER	DESCRIPTION
1	Substrate	Cu clad substrate
2	Threaded Insert	#0-80 internal Thread brass insert, Press fit
3	Solder ball	Solder Ball, 0.024" Dia, See table for alloy composition


 <b>SF-BGA1440A-B-05 Dwg</b> <b>SF-BGA1440A-B-05F Dwg</b> Ironwood Electronics, Inc. Tele: (800) 404-0204 www.ironwoodelectronics.com	Material: N/A Finish: N/A Weight: 11.62	STATUS: Released DRAWN BY: S. Faiz FILE: SF-BGA1440A-B-05	SHEET: 1 OF 2 SCALE: 1.5:1 DATE: 3/12/12	REV. B
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Rev	Date	Initials	Description
A	-	-	Original
B	03/20/12	DH/SF	Flipped brass inserts and added SF-BGA1440A-B-05 part number to the drawing.

## Description: Revision History

Primary dimension units are millimeters, Secondary dimension units are [inches].

Tolerances: Hole diameters  $\pm 0.03\text{mm}$  [ $\pm 0.001"$ ], Pitches (from true position)  $\pm 0.025\text{mm}$  [ $\pm 0.001"$ ], substrate thickness tolerance  $\pm 10\%$ , all other tolerances  $\pm 0.13\text{mm}$  [ $\pm 0.005"$ ] unless stated otherwise. Materials and specifications are subject to change without notice.

<b>SF-BGA1440A-B-05 Dwg</b>					
<b>SF-BGA1440A-B-05F Dwg</b>		Material: Finish: Weight:	STATUS: Released		SHEET: 2 OF 2
 Ironwood Electronics, Inc. Tele: (800) 404-0204 www.ironwoodelectronics.com	DRAWN BY: S. Faiz		SCALE: 1:1		
	FILE: SF-BGA1440A-B-05		DATE: 3/12/12		
				REV. B	