

## Description: SF-BGA-05 SMT adapter for FCBGA 19x19 ( 5 rings @ 0.8mm)+49 (central @1mm).

Primary dimension units are millimeters, Secondary dimension units are [inches], Weight is in grams.

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

SF-BGA409A-B-05F Drawing	Finish: N/A Weight: 3.21	STATUS: Released	SHEET: 1 OF 2	REV. A
Ironwood Electronics, Inc. Tele: (800) 404-0204 www.ironwoodelectronics.com		ENG: S. Faiz	DRAWN BY: S. Faiz	SCALE: 2.5:1
		FILE: SF-BGA409A-B-05F Dwg	DATE: 3/13/13	

Rev	Date	Initials	Description
A	-	-	Original

Description: Revision History Primary dimension units are millimeters, Secondary dimension units are [inches]. <u>Tolerances:</u> Hole diameters ±0.03mm [±0.001"], Pitches (from true position) ±0.025mm [±0.001"], substrate thickness tolerance ±10%, all other tolerances ±0.13mm [±0.005"] unless stated otherwise. Materials and specifications are subject to change without notice.

Specification	Material: Finish: Weight:	STATUS: Released	SHEET: 2 OF 2	REV. A
Ironwood Electronics, Inc. Tele: (800) 404-0204 www.ironwoodelectronics.com		DRAWN BY: S. Faiz	SCALE: 1:1	
		FILE: SF-BGA409A-B-05F Dwg	DATE: 3/13/13	