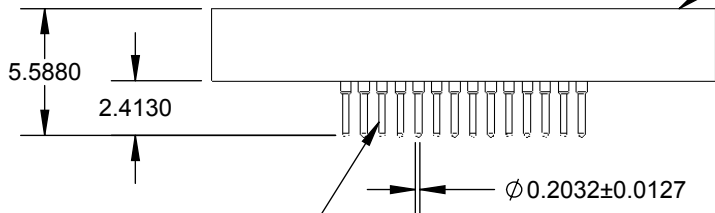
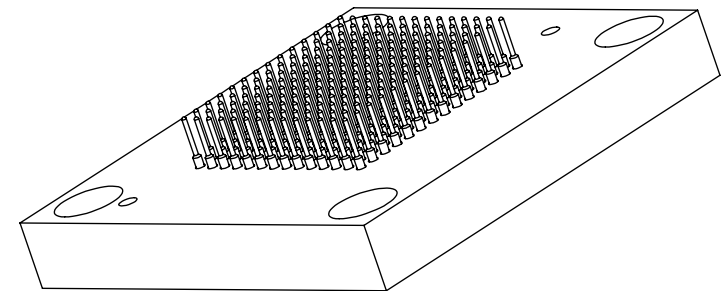
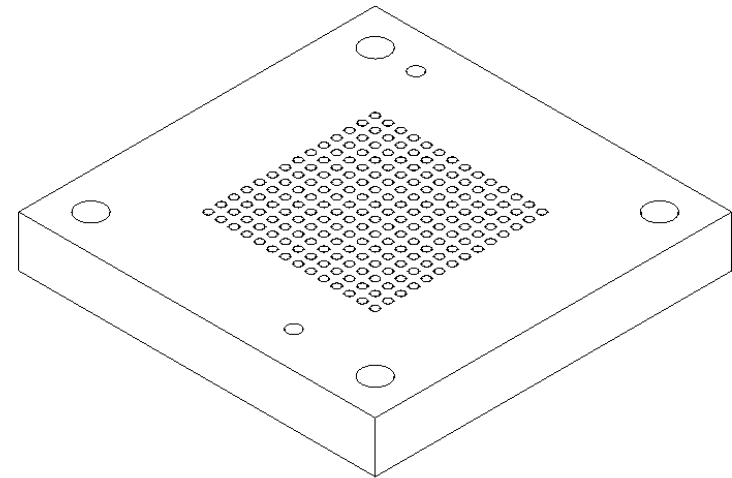


TOP VIEW



FRONT VIEW


ITEM NO.	DESCRIPTION	Material
1	Substrate	3.18mm ±0.125mm [0.125" ±0.005"] FR4/G10 or equivalent high temp material. Non-clad.
2	Pin	Brass - PS-2 Plating: 10u" Au over 50u" Ni min.



Description: LS-BGA196E-05 but without inserts

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

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.

 LS-BGA196E-15 Drawing Ironwood Electronics, Inc. Tele: (800) 404-0204 www.ironwoodelectronics.com	Material: N/A Finish: N/A Weight: 2.62	STATUS: Released	SHEET: 1 OF 1	REV. A
		DRAWN BY: S. Faiz	SCALE: 3:1	
		FILE: LS-BGA196E-15 Dwg	DATE: 10/9/12	