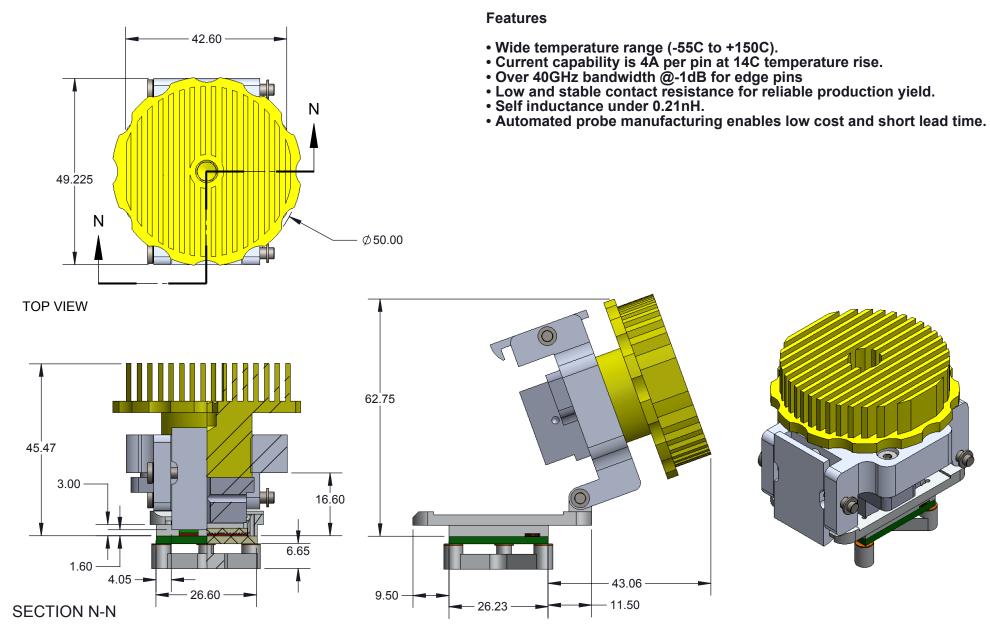
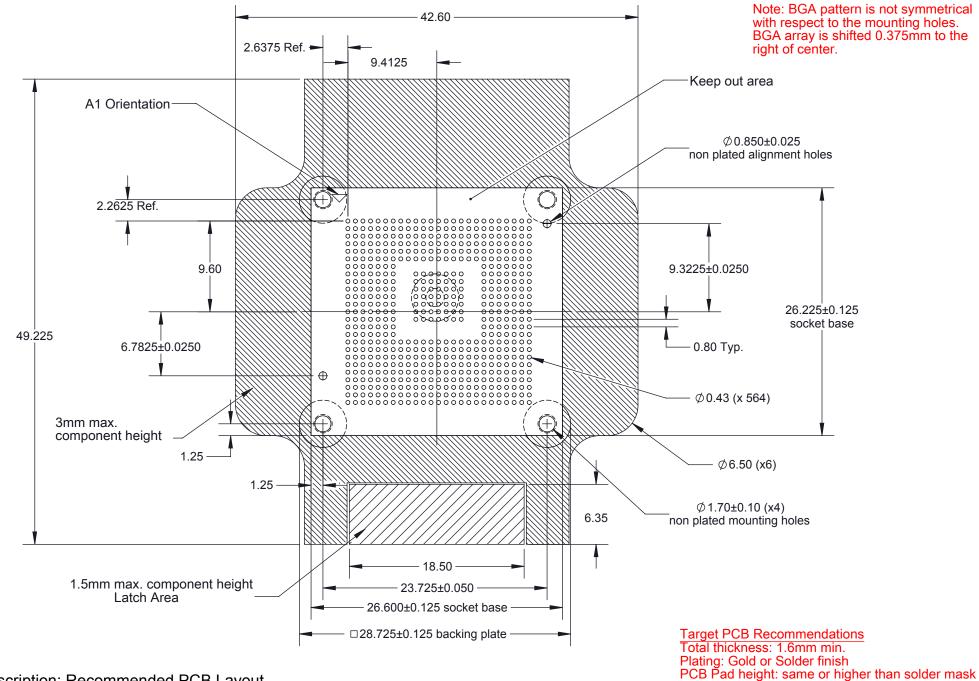
Silver Ball Matrix Elastomer Clamshell Socket



Description: Socket Specification

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

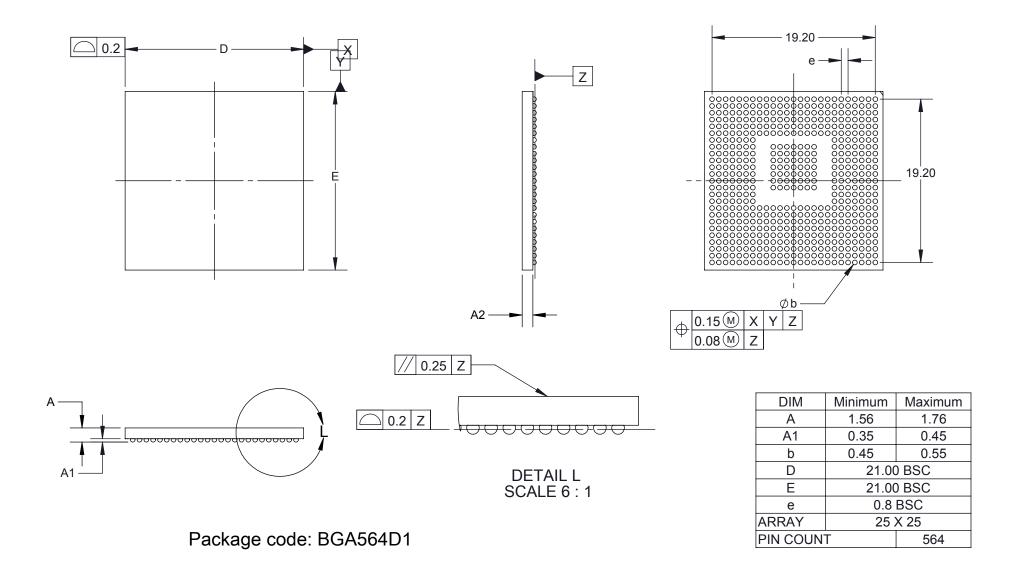
SM-BGA-901	0 Drawing	STATUS: Released	SHEET: 1 of 4	REV. A
Ironwood Electronics, Inc.	le: (800) 404-0204 MATERIAL:	DRAWN BY: V. Panavala	SCALE: 1:1	
www.ironwoodelectronics.com		File: SM-BGA-9010	DATE: 8/19/2012	



Description: Recommended PCB Layout

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

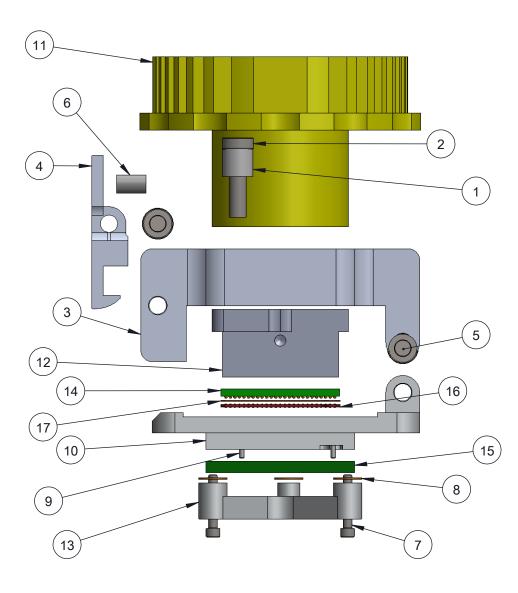
SM-BGA-9010 Drawing Material:		STATUS: Released	SHEET: 2 OF 4	REV. A	
•	Ironwood Electronics, Inc. Tele: (800) 404-0204 www.ironwoodelectronics.com	Finish: 138.86 Weight: Material <not specified=""></not>	DRAWN BY: V. Panavala	SCALE: 2.5:1	
			FILE: SM-BGA-9010	DATE: 8/19/2012	



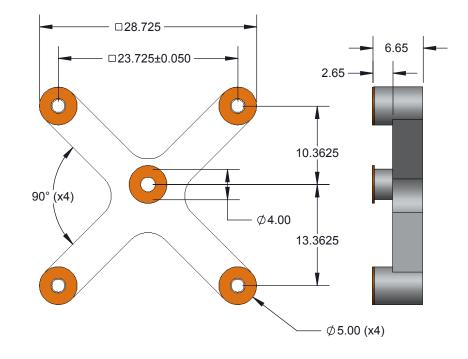
Description: Compatible BGA

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

	SM-BGA-9010 Drawing Material:		STATUS: Released	SHEET: 3 OF 4	REV. A
•	Ironwood Electronics, Inc. Tele: (800) 404-0204 www.ironwoodelectronics.com	Finish: 138.86 Weight: Material <not specified=""></not>	DRAWN BY: V. Panavala	SCALE: 2.25:1	
			FILE: SM-BGA-9010	DATE: 8/19/2012	



NO.	DESCRIPTION	Material
1	Spring Clamshell lid assembly	Steel Music Wire
2	Screw, M3 x 12mm, Low Head Cap, SS	18-8 Stainless Steel
3	Socket Lid	7075-T6 Aluminum Alloy
4	Latch	7075-T6 Aluminum Alloy
5	Hinge Pin and Snap Ring, 3mm OD, 30mm long, 1045 Stl, Blk Oxide	AISI 1045 Steel, cold drawn
6	Precision Compression Spring, Zinc-Plated Music Wire, 1/2" Length, .12" OD, .016" Wire	Zinc Plated Music Wire
7	#0-80 X .375 LG, SÕC HD CAP SCREW, ALLOY STL, BLK OXIDE	Alloy Steel
8	Insulating washer, 5mm OD.	Kapton Polyimide/Cirlex
9	Dowel Pin, 1/32" x 3/16", SS	Chrome Stainless Steel
10	SM Socket Base Clamshell 21mm	7075-T6 Aluminum Alloy
11	Heat sink Compression Screw M24 threads	7075-T6 Aluminum Alloy
12	CBT 21mm Compression plate Ni Plated	7075-T6 Aluminum Alloy
13	Backing PLate 21mm IC 5 post	7075-T6 Aluminum Alloy
14	BGA564 IC 21x21mm 0.8mm 25x25 array	FR4 Standard
15	PCB BGA564 21x21mm 0.8mm 25x25 array	FR4 Standard
16	SM interposer BGA564 21x21mm 0.8mm 25x25 array	Silmat
17	SM-Ball guide 0.8mm 25x25 array	Kapton Polyimide/Cirlex



Description: Socket Assy, Insulation Plate

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

Insulation Plate Specification

SM-BGA-9010 Drawing		Material:	STATUS: Released	SHEET: 4 OF 4	REV. A
•	Ironwood Electronics, Inc. Tele: (800) 404-0204 www.ironwoodelectronics.com	Finish: 138.86 Weight: Material <not specified=""></not>	DRAWN BY: V. Panavala	SCALE: 2:1	
			FILE: SM-BGA-9010	DATE: 8/19/2012	