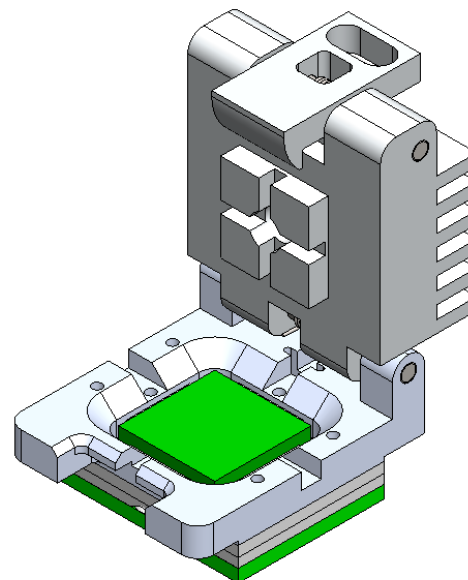
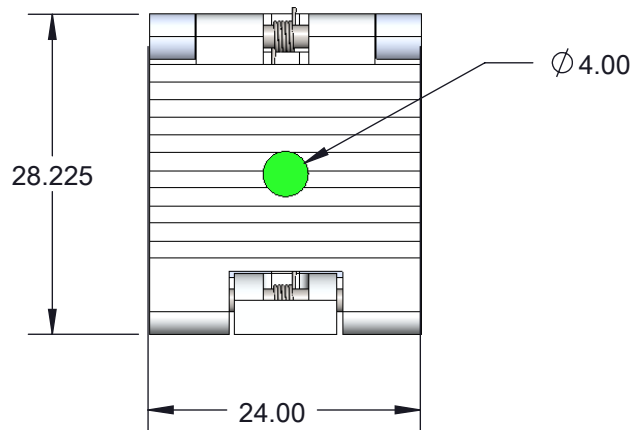
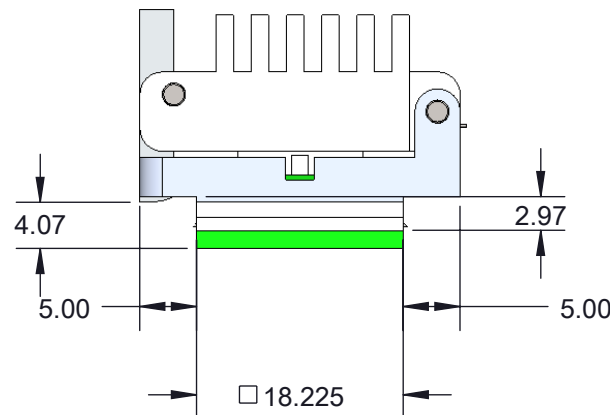
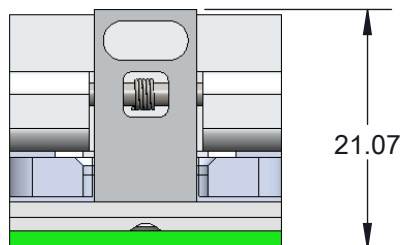


CBT-QFN DIRECT MOUNT, SOLDERLESS SOCKET FOR BURN-IN AND TEST APPLICATIONS



FEATURES:

- @ -1dB: 5.2 to 15.7 GHz
- Contact resistance under 35m Ω
- Self inductance 0.88nH
- Capacitance 0.097pF
- Operating temperature range -55C to +180C
- Insertion/Extraction life over 125, 000 cycles
- Current rating at (40C rise): 4 amp




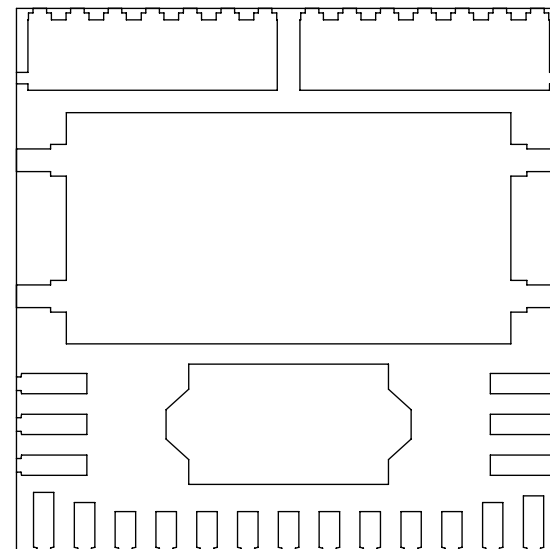
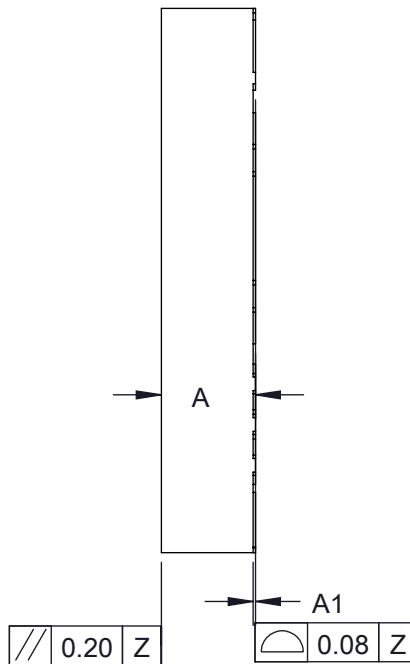
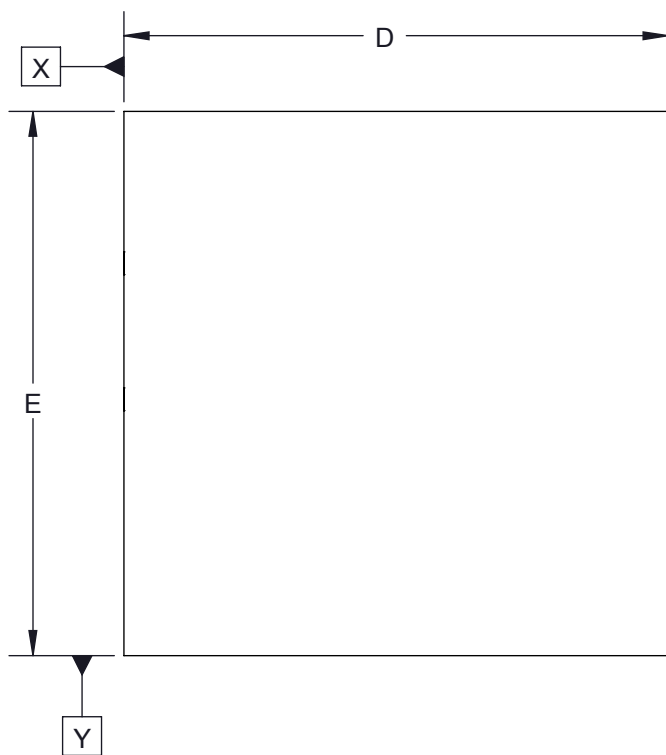
Description: CBT-QFN23 12x12mm

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

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

PIN DETAIL

CBT-QFN-7003 Drawing  Ironwood Electronics, Inc. Tele: (800) 404-0204 www.ironwoodelectronics.com	Material: Material <not specified> Finish: Weight: 23.40	STATUS: Released DRAWN BY: V. Panavala FILE: CBT-QFN-7003 Dwg	SHEET: 1 OF 4 SCALE: 3:2 DATE: 5/10/2010	REV. A
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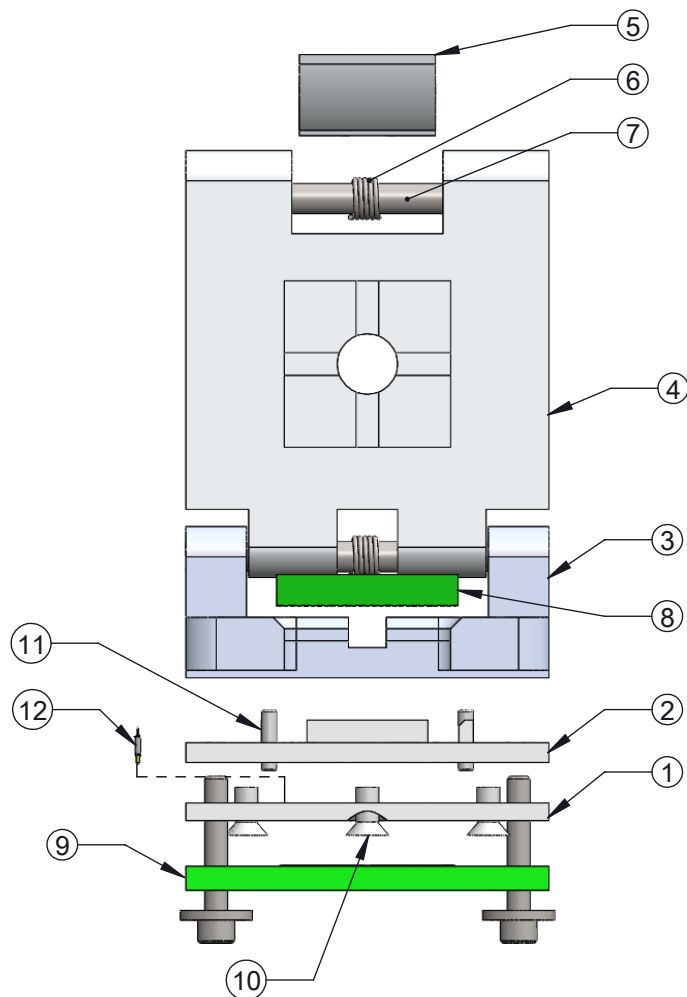
DIM	Minimum	Maximum
A	2.00	2.05
A1	0.05	
b		
D	12.00 BSC	
E	12.00 BSC	
e	BSC	
ARRAY		
PIN COUNT		

Description: Compatible Package

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

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.

 CBT-QFN-7003 Drawing Ironwood Electronics, Inc. Tele: (800) 404-0204 www.ironwoodelectronics.com	Material: Material <not specified> Finish: Weight: 23.40	STATUS: Released	SHEET: 3 OF 4	REV. A
		DRAWN BY: V. Panavala	SCALE: 6:1	
		FILE: CBT-QFN-7003 Dwg	DATE: 5/10/2010	




ITEM NO.	DESCRIPTION	Material
1	Bottom Pogo Guide	PEEK Ceramic filled
2	Top Guide QFN23	PEEK Ceramic filled
3	Socket Base 12x12mm snap lid	7075-T6 Aluminum Alloy
4	Socket snap lid with heat sink	7075-T6 Aluminum Alloy
5	10x10mm clamshell latch	7075-T6, Plate (SS)
6	Torsion Spring, 180 0.109" OD, Ccw/Rh	Steel Music Wire
7	Dowel Pin, M2 X 20mm LG, 18-8 SS	AISI 347 Annealed Stainless Steel (SS)
8	QFN23	FR4
9	Target PCB 12mm	Material <not specified>
10	Screw, #0-80 X .1125", Flat, SS	Material <not specified>
11	Dowel pin, M1, 4mm long 18-8 SS	Chrome Stainless Steel
12	SBT-LGA/QFN Pogo Pin, 0.5mm-0.8mm	Contact Mtrl: BeCu, Au Plated over Ni

Description: Socket Specification

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

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.

 CBT-QFN-7003 Drawing Ironwood Electronics, Inc. Tele: (800) 404-0204 www.ironwoodelectronics.com	Material: Material <not specified> Finish: Weight: 23.40	STATUS: Released	SHEET: 4 OF 4	REV. A
		DRAWN BY: V. Panavala	SCALE: 2:1	
		FILE: CBT-QFN-7003 Dwg	DATE: 5/10/2010	