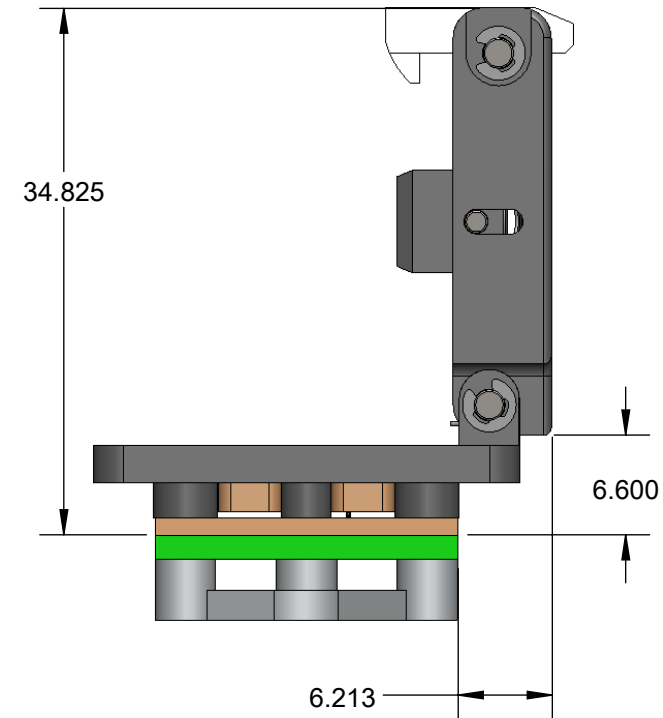
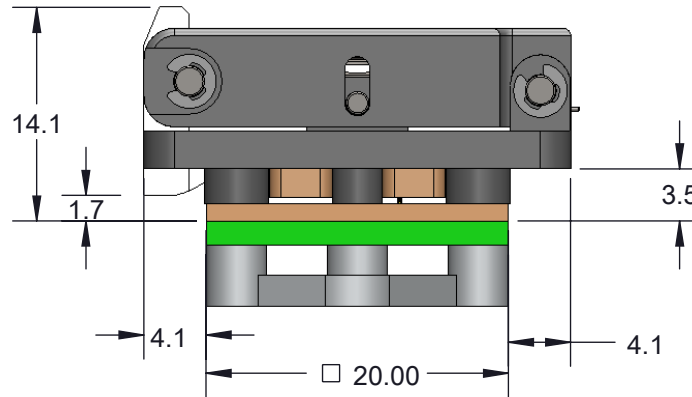
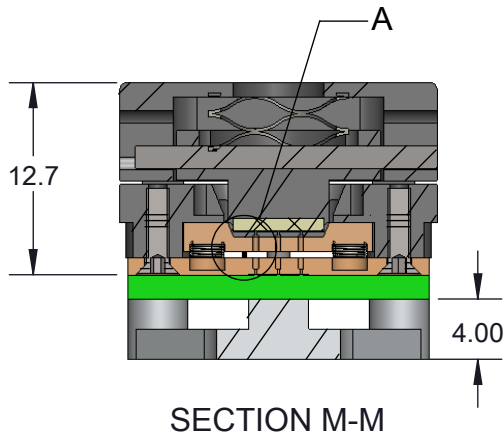
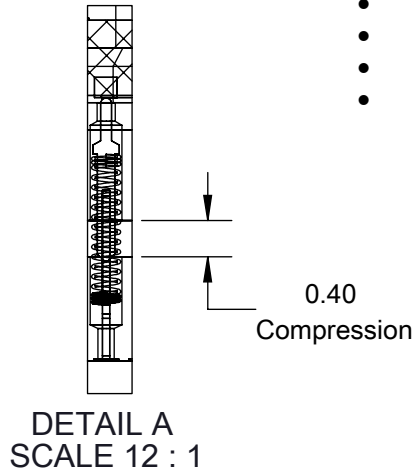
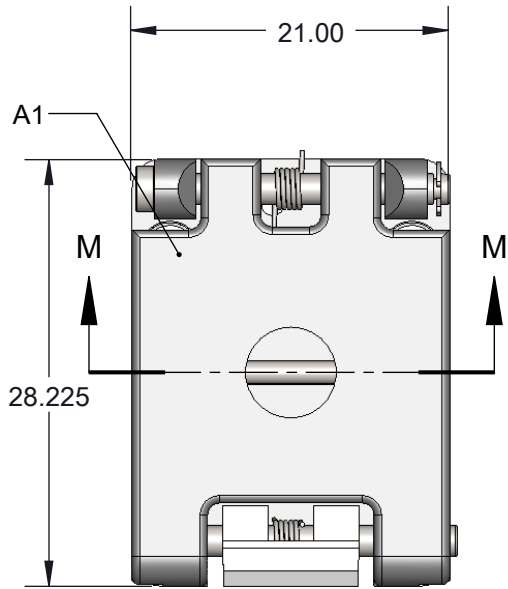


CBT-QFN DIRECT MOUNT, SOLDERLESS SOCKET FOR BURN-IN AND TEST APPLICATIONS

FEATURES:


- Wide temperature range (-55C to +180C)
- High current capability (up to 2.2A)
- Excellent signal integrity at high frequencies
- Low and stable contact resistance for reliable production yield
- Highly compliant to accommodate wide co-planarity variations
- Automated probe manufacturing enables low cost and short lead time

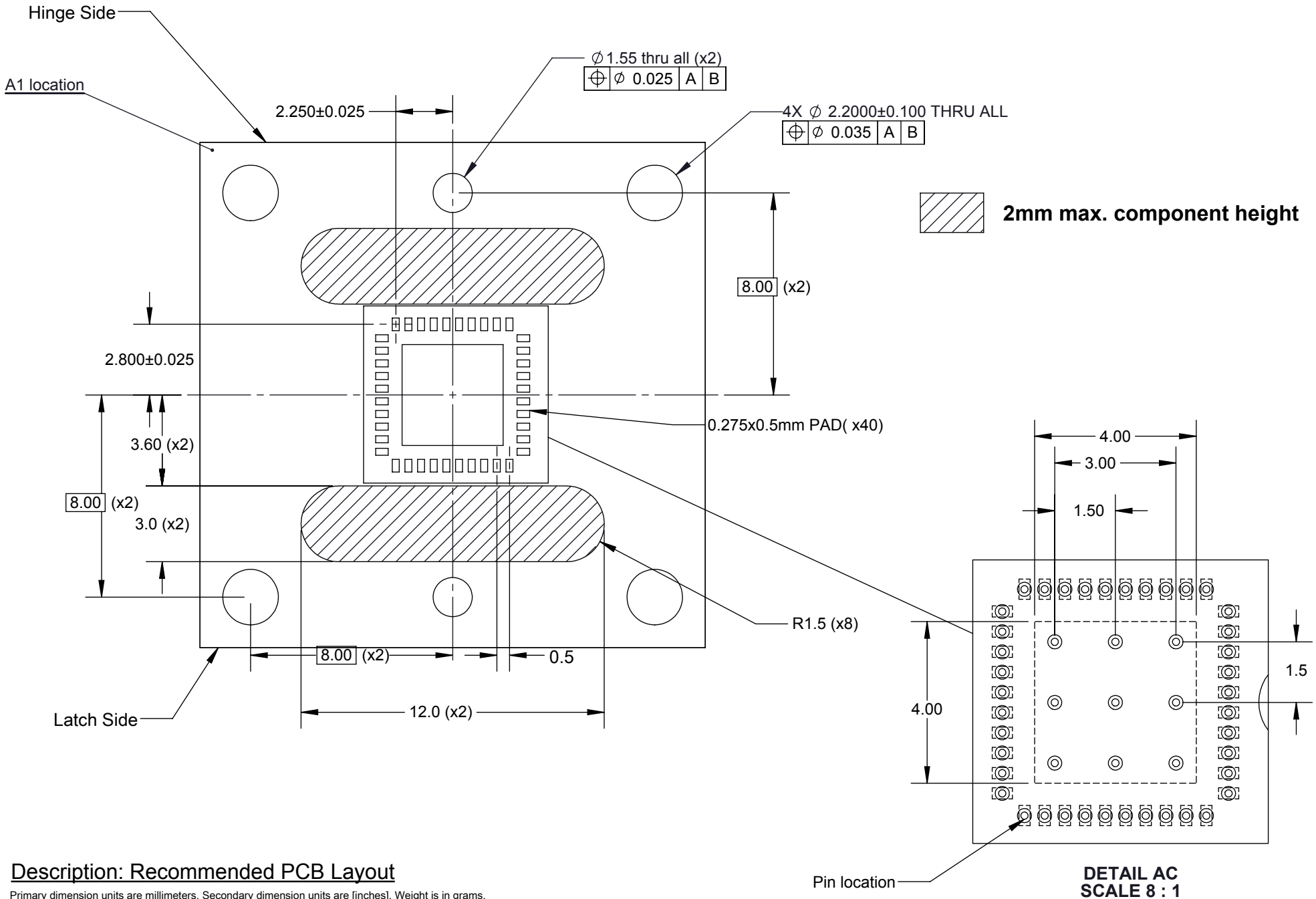


Description: CBT-QFN40 6x6mm 0.5mm pitch

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-7036 Drawing Ironwood Electronics, Inc. Tele: (800) 404-0204 www.ironwoodelectronics.com	Material: Material <not specified> Finish: Weight: 13.62	STATUS: Released ENG: V. Panavala FILE: CBT-QFN-7036 Dwg	SHEET: 1 OF 4 DRAWN BY: M. Raske DATE: 02/10/2015	REV. A SCALE: 2:1

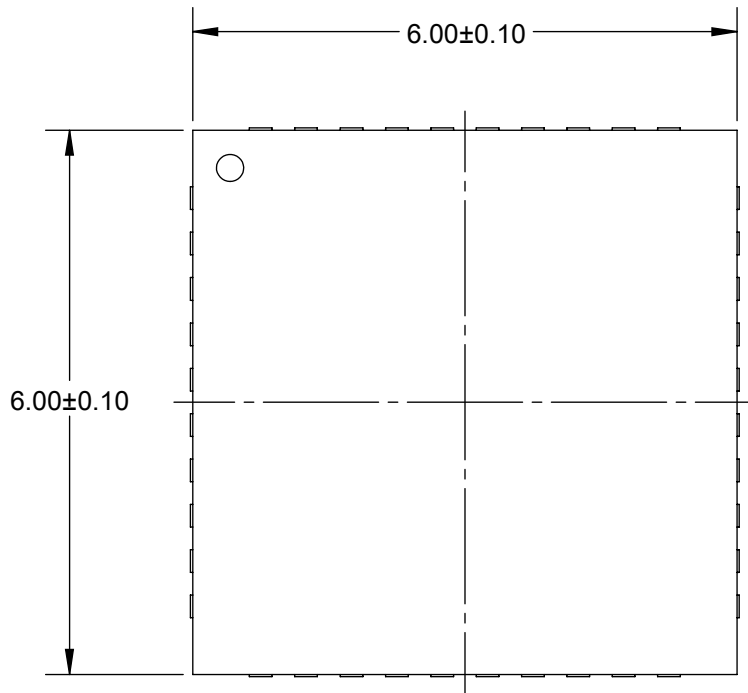


Description: Recommended PCB Layout

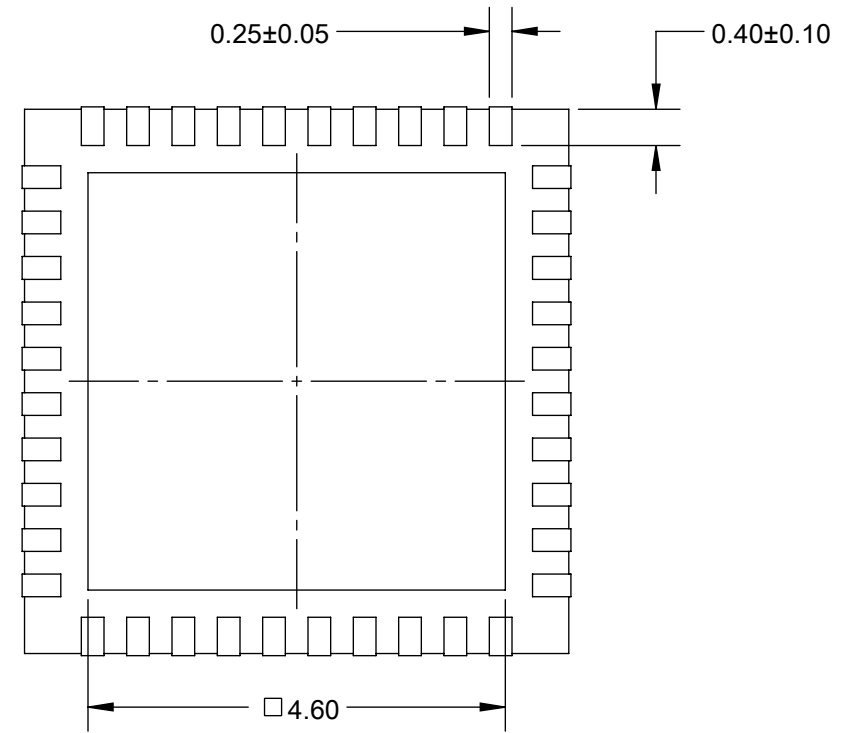
Primary dimension units are millimeters, Secondary dimension units are [inches], Weight is in grams.

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.

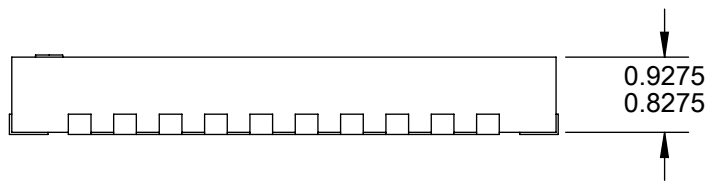
 CBT-QFN-7036 Drawing Ironwood Electronics, Inc. Tele: (800) 404-0204 www.ironwoodelectronics.com	Material: Material <not specified> Finish: Weight: 13.62	STATUS: Released ENG: V. Panavala FILE: CBT-QFN-7036 Dwg	SHEET: 2 OF 4 DRAWN BY: M. Raske DATE: 02/10/2015	REV. A SCALE: 5:1



TOP VIEW



BOTTOM VIEW




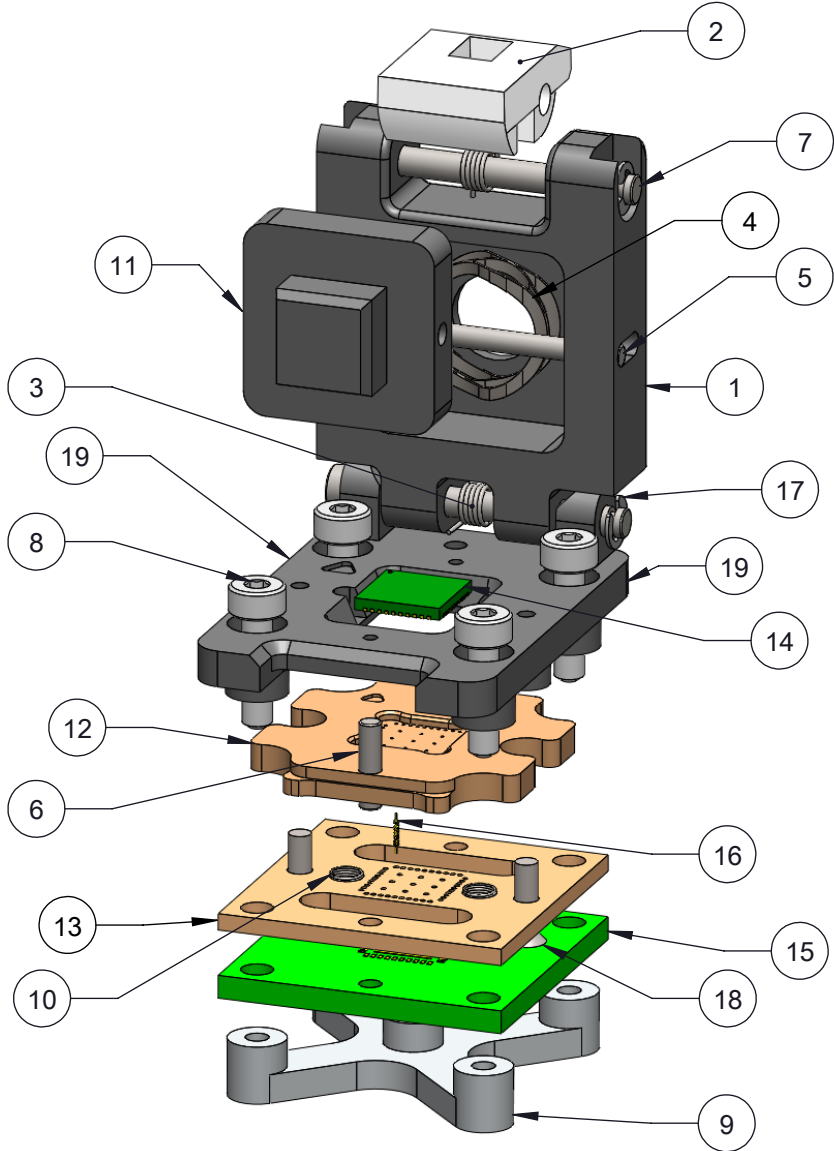
SIDE VIEW

Description: Compatible QFN

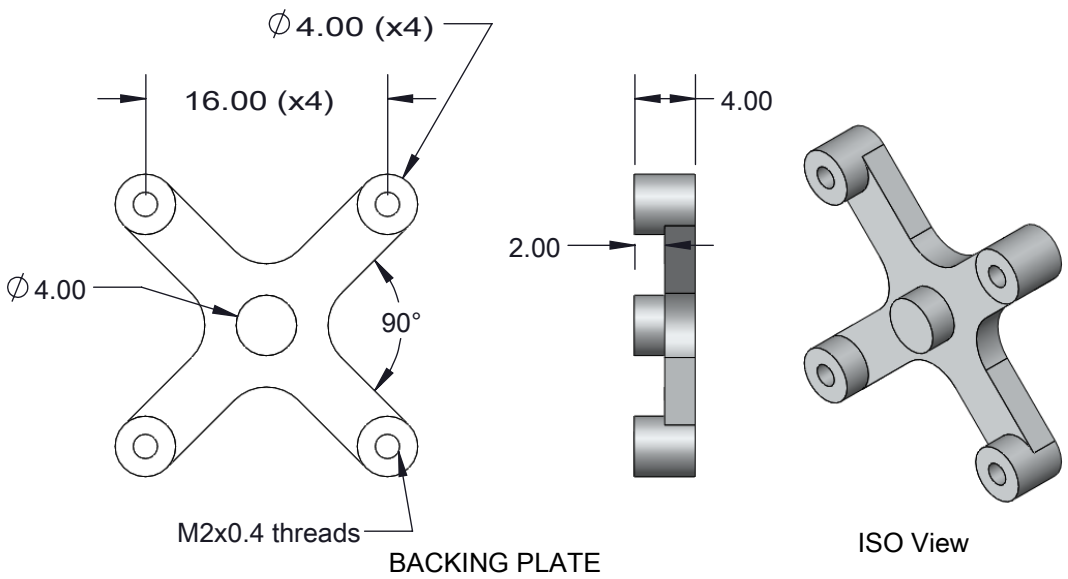
Primary dimension units are millimeters, Secondary dimension units are [inches], Weight is in grams.

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

 CBT-QFN-7036 Drawing Ironwood Electronics, Inc. Tele: (800) 404-0204 www.ironwoodelectronics.com	Material: Material <not specified> Finish: Weight: 13.62	STATUS: Released	SHEET: 3 OF 4	REV. A
		ENG: V. Panavala	DRAWN BY: M. Raske	SCALE: 12:1
		FILE: CBT-QFN-7036 Dwg	DATE: 02/10/2015	




ITEM NO.	DESCRIPTION	Material
1	12mm Plastic Snap Clamshell Socket Lid	PPS/Ultem
2	Clamshell Latch Snap Lid Socket	PPS/Ultem
3	Torsion Spring, 180 0.109" OD, Ccw/Rh	Steel Music Wire
4	Wave Spring 0.375"OD 0.15" In 100lbs/in	Steel Music Wire
5	Dowel Pin, M1.5 X 20mm LG, 18-8 SS	AISI 347 Annealed Stainless Steel (SS)
6	Dowel Pin, M1.5 X 5mm LG, Hardened Steel	AISI 347 Annealed Stainless Steel (SS)
7	2mm diameter Hinge Pin, 20 mm long	Alloy Steel
8	Socket Head Cap Screw M2 8mm long	Stainless Steel (316)
9	Backing Plate 5 post	7075-T6 Alumium Alloy
10	Floating Guide Spring	Alloy Steel (SS)
11	Compression Plate 7x7mm	7075-T6 Alumium Alloy
12	Top guide QFN40A 0.5mm pitch	Semitron MDS 100
13	Bottom Pogo Guide QFN40A 0.5mm pitch	Semitron MDS 100
14	6mm x 6mm 0.5mm pitch QFN40	FR4 High temp
15	PCB QFN40A 0.5mm pitch	Material <not specified>
16	Stamped Pin, 0.4mm SBT-LGA/QFN	N/A
17	Snap ring for 2mm Hinge pin 0.15" OD	
18	#0-80, 90 deg., head pin guide screw, Peek material 5.5715mm overall Length	PEEK unfilled
19	CBT socket base 7x10mm snap type	PPS



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-7036 Drawing Ironwood Electronics, Inc. Tele: (800) 404-0204 www.ironwoodelectronics.com	Material: Material <not specified> Finish: Weight: 13.62	STATUS: Released	SHEET: 4 OF 4	REV. A
		ENG: V. Panavala	DRAWN BY: M. Raske	SCALE: 2:1
		FILE: CBT-QFN-7036 Dwg	DATE: 02/10/2015	