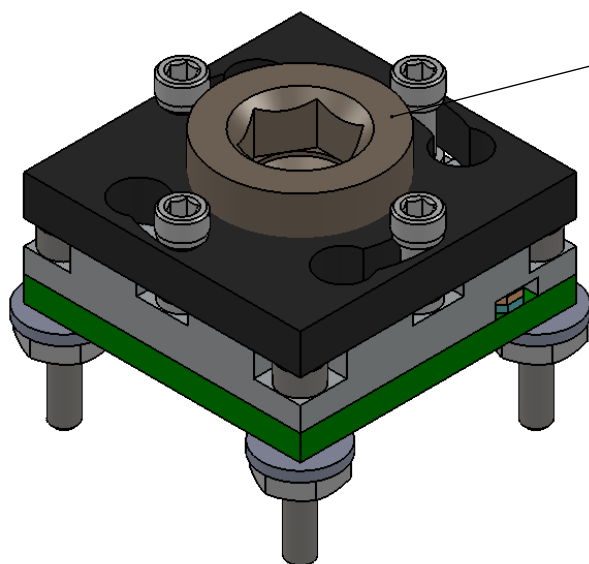


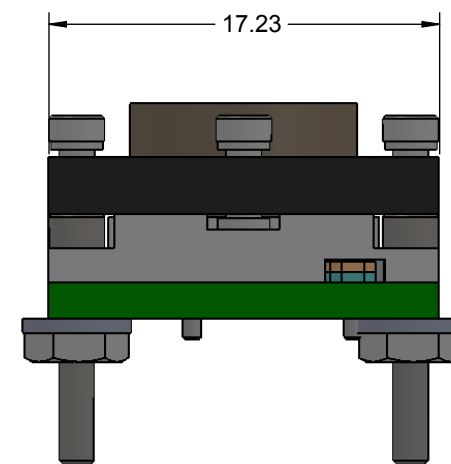
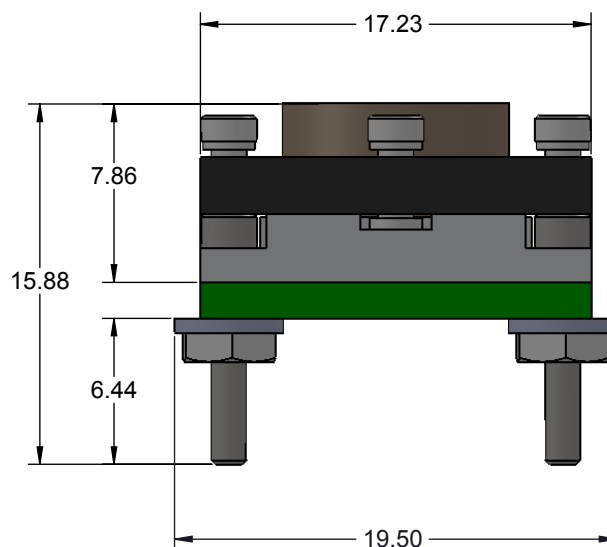
SM-QFN DIRECT MOUNT, SOLDERLESS SOCKET FOR TEST APPLICATIONS

Features

- Wide temperature range (-55C to +155C).
- High current capability (up to 4A).
- Excellent signal integrity at high frequencies.
- Low and stable contact resistance for reliable production yield.



Recommended torque: 1.0 in. lb.



Description: SM-QFN Socket

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

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.

SM-QFN-9008 Drawing



Ironwood Electronics, Inc.
Tele: (800) 404-0204
www.ironwoodelectronics.com

Material: N/A
Finish: N/A
Weight: 6.04

STATUS: Released

DRAWN BY: M. Raske

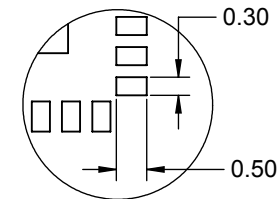
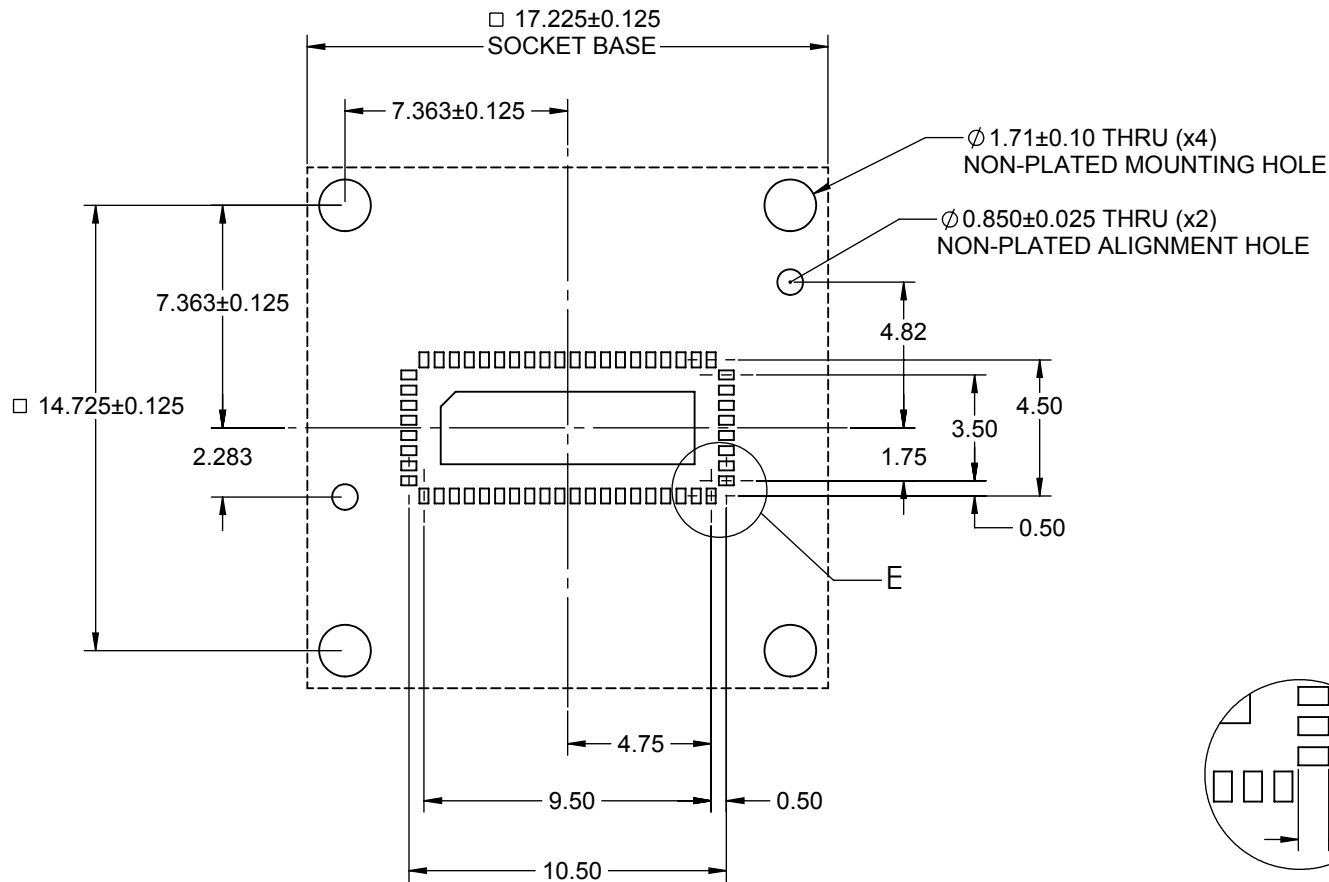
FILE: SM-QFN-9008 Dwg

SHEET: 1 OF 4

SCALE: 3:1

DATE: 1/3/2012

REV. A



**DETAIL E
TYP**

Target PCB Recommendations
 Total thickness: 1.5mm min.
 Plating: Gold or Solder finish

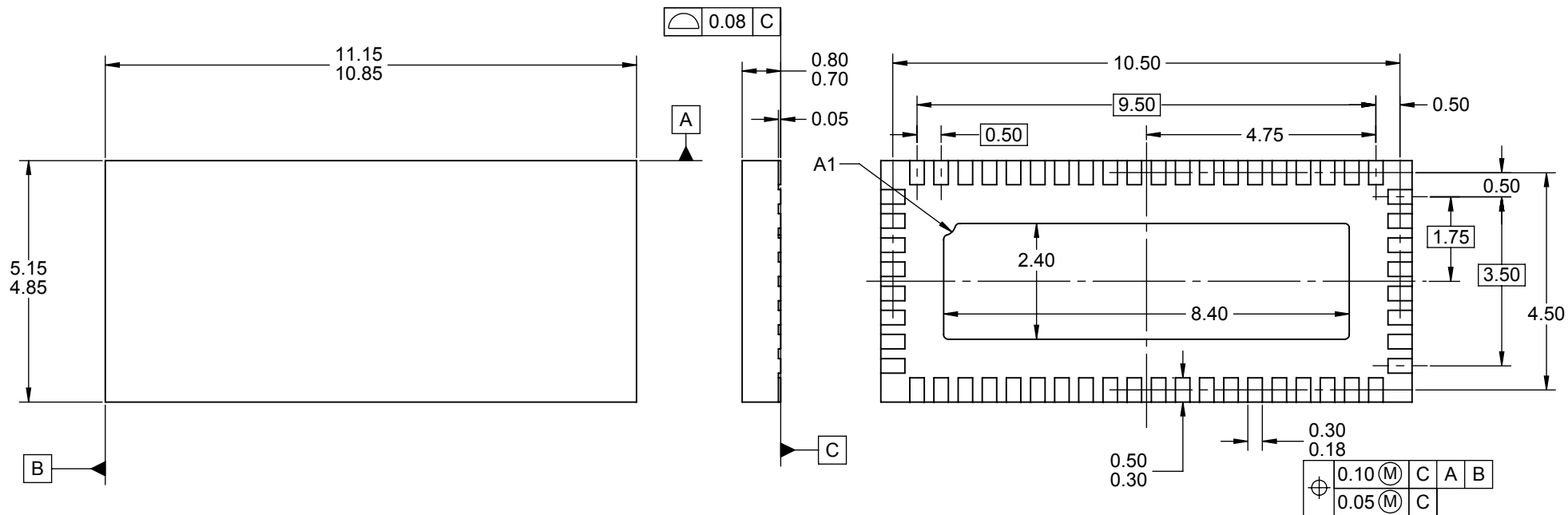
Description: Recommended PCB layout

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.

SM-QFN-9008 Drawing  Ironwood Electronics, Inc. Tele: (800) 404-0204 www.ironwoodelectronics.com	Material: N/A Finish: N/A Weight: 6.04	STATUS: Released DRAWN BY: M. Raske FILE: SM-QFN-9008 Dwg	SHEET: 2 OF 4 SCALE: 4:1 DATE: 1/3/2012	REV. A
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Ironwood Package Code: QFN56C

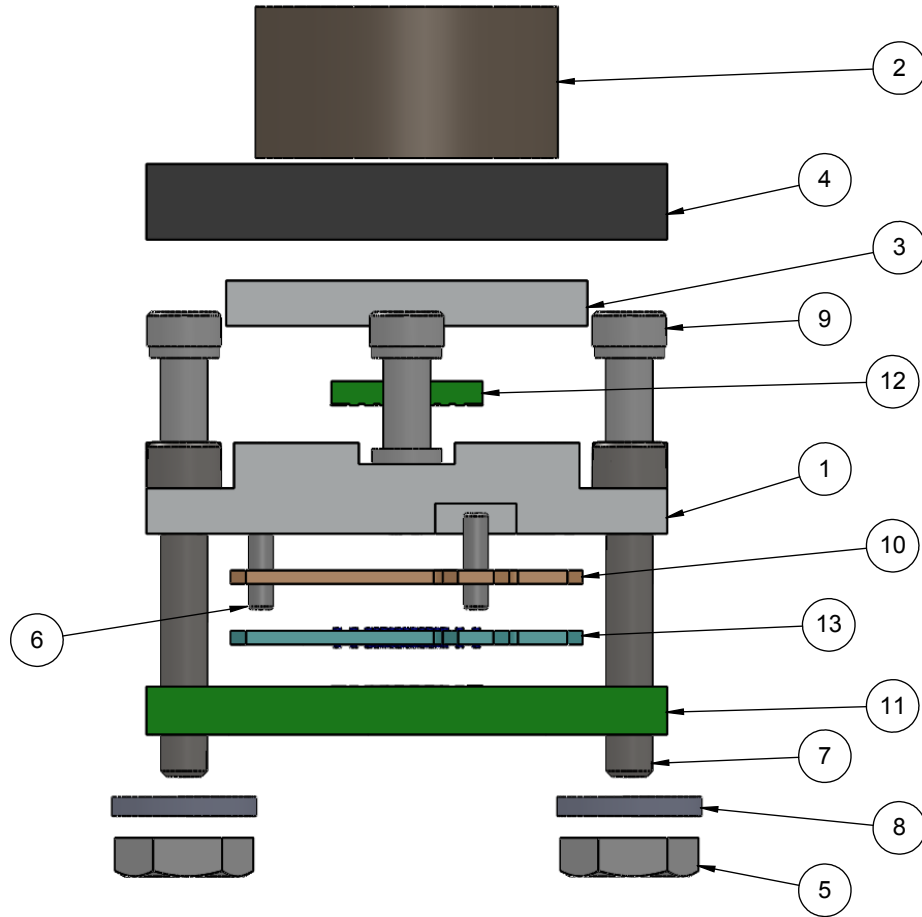


Description: QFN

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.

 SM-QFN-9008 Drawing Ironwood Electronics, Inc. Tele: (800) 404-0204 www.ironwoodelectronics.com	Material: N/A Finish: N/A Weight: 6.04	STATUS: Released	SHEET: 3 OF 4	REV. A
		DRAWN BY: M. Raske	SCALE: 8:1	
		FILE: SM-QFN-9008 Dwg	DATE: 1/3/2012	



ITEM NO.	DESCRIPTION	Material
1	Socket Base	7075-T6 Aluminum Alloy
2	Compression Screw M10	7075-T6 Alumium Alloy
3	Compression Plate 11.95 x 1.5mm	7075-T6 Aluminum Alloy
4	Socket Lid 12mm	7075-T6 Alumium Alloy
5	Nut, #0-80, SS	Stainless Steel (18-8)
6	Alignment Pin 1/32" dia. x 1/8" lng	Chrome Stainless Steel
7	#0-80 X .375 LG, SOC HD CAP SCREW, ALLOY STL, BLK OXIDE	Alloy Steel
8	Washer, #0 x .025", Nylon	Nylon 6/6
9	#0-80 Shoulder Screw, 0.062" thread length	Stainless Steel (303)
10	IC (MLF) Guide	Ultem 1000
11	Test PCB	Material <not specified>
12	Test Chip	Material <not specified>
13	Interposer, 11x5mm QFN56	SM Interposer

Description: Socket Components

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.

 SM-QFN-9008 Drawing Ironwood Electronics, Inc. Tele: (800) 404-0204 www.ironwoodelectronics.com	Material: N/A Finish: N/A Weight: 6.04	STATUS: Released	SHEET: 4 OF 4	REV. A
		DRAWN BY: M. Raske	SCALE: 4:1	
		FILE: SM-QFN-9008 Dwg	DATE: 1/3/2012	