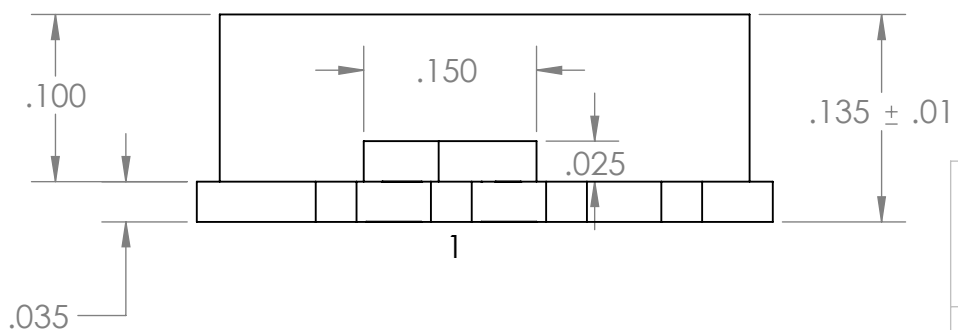
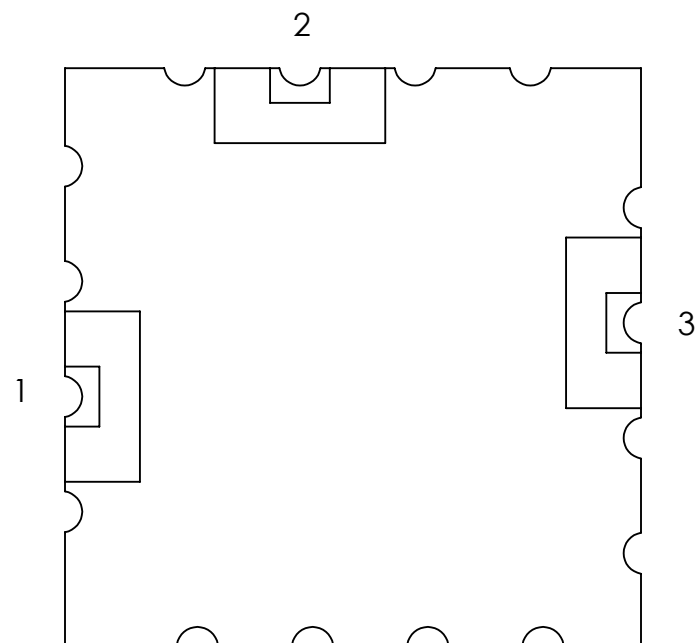
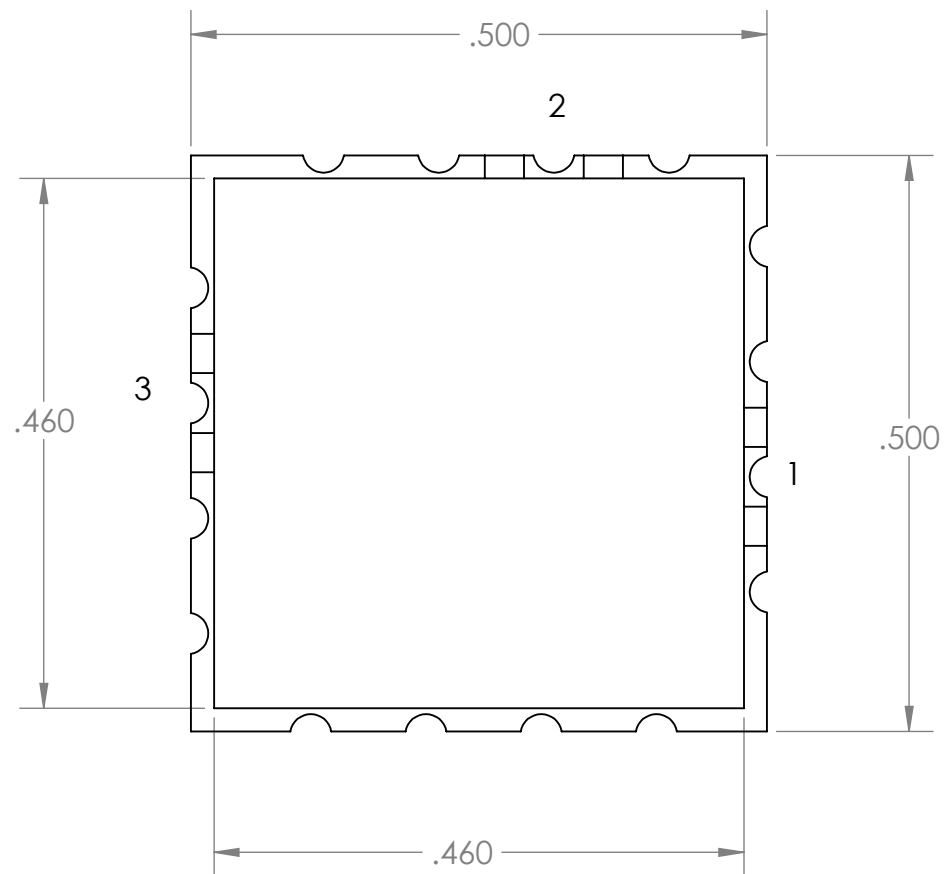




						Production	First Article
	<u>MIN</u>	<u>TYP</u>	<u>MAX</u>	<u>UNITS</u>	<u>NOTES</u>	<u>Test</u>	<u>Test</u>
Frequency Range	880		1050	MHz	1	☐	☐
Tuning Voltage	0.5		4.5	V	1	☐	☐
Modulation Sensitivity		72		MHz/V	1	☐	☐
Operates with Vtune = 0V					1	☐	☐
Output Power	1	3	5	dBm	1	☐	☐
Phase Noise @							
1 KHz Offset		-78	-73	dBc/Hz	1	☐	☐
10 KHz Offset		-105	-100	dBc/Hz	1	☐	☐
100 KHz Offset		-125	-120	dBc/Hz	1	☐	☐
1 MHz Offset		-145	-140	dBc/Hz	1	☐	☐
Pushing		1		MHz/V	3	☐	☐
Pulling (1.75:1 VSWR)		1		MHz	3	☐	☐
Modulation Bandwidth		1		MHz	4	☐	☐
Tuning Port Capacitance		47		pF	2	☐	☐
Harmonics		-15	-10	dBc	3	☐	☐
Vcc		5		V	5	☐	☐
Icc		20		mA	1	☐	☐
Operating Temperature	-40		+85	C	3	☐	☐
Package		SMUA			6		
LxW		0.500		inch sq.	5	☐	☐
Height		0.135		inch	5	☐	☐

Notes

1. Tested in production, and guaranteed
2. Per current design, not a tested parameter
3. Sample tested from production lot
4. Not a tested or guaranteed design goal
5. By inspection
6. RoHS Compliant
7. Design goal subject to change

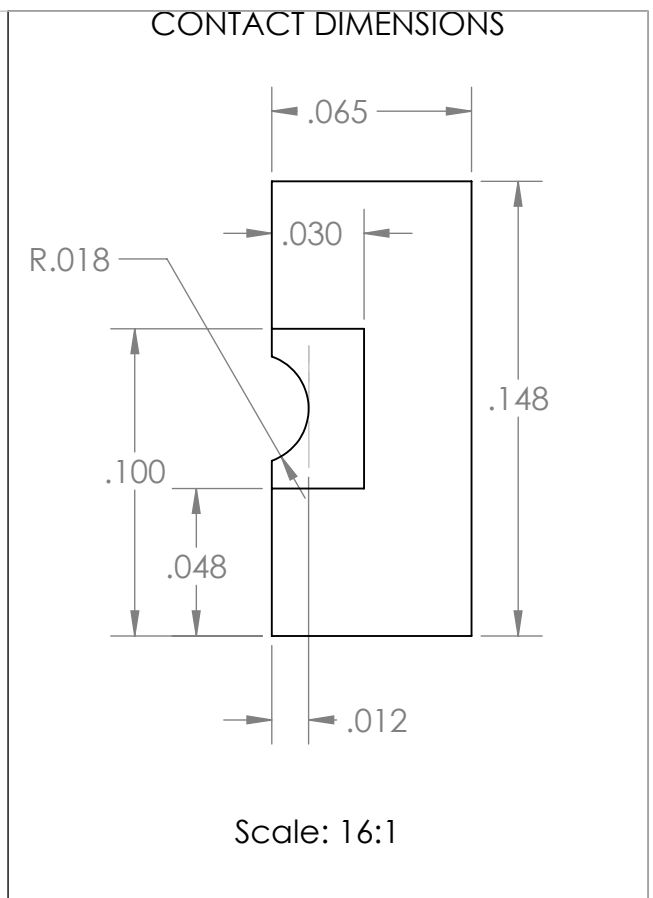
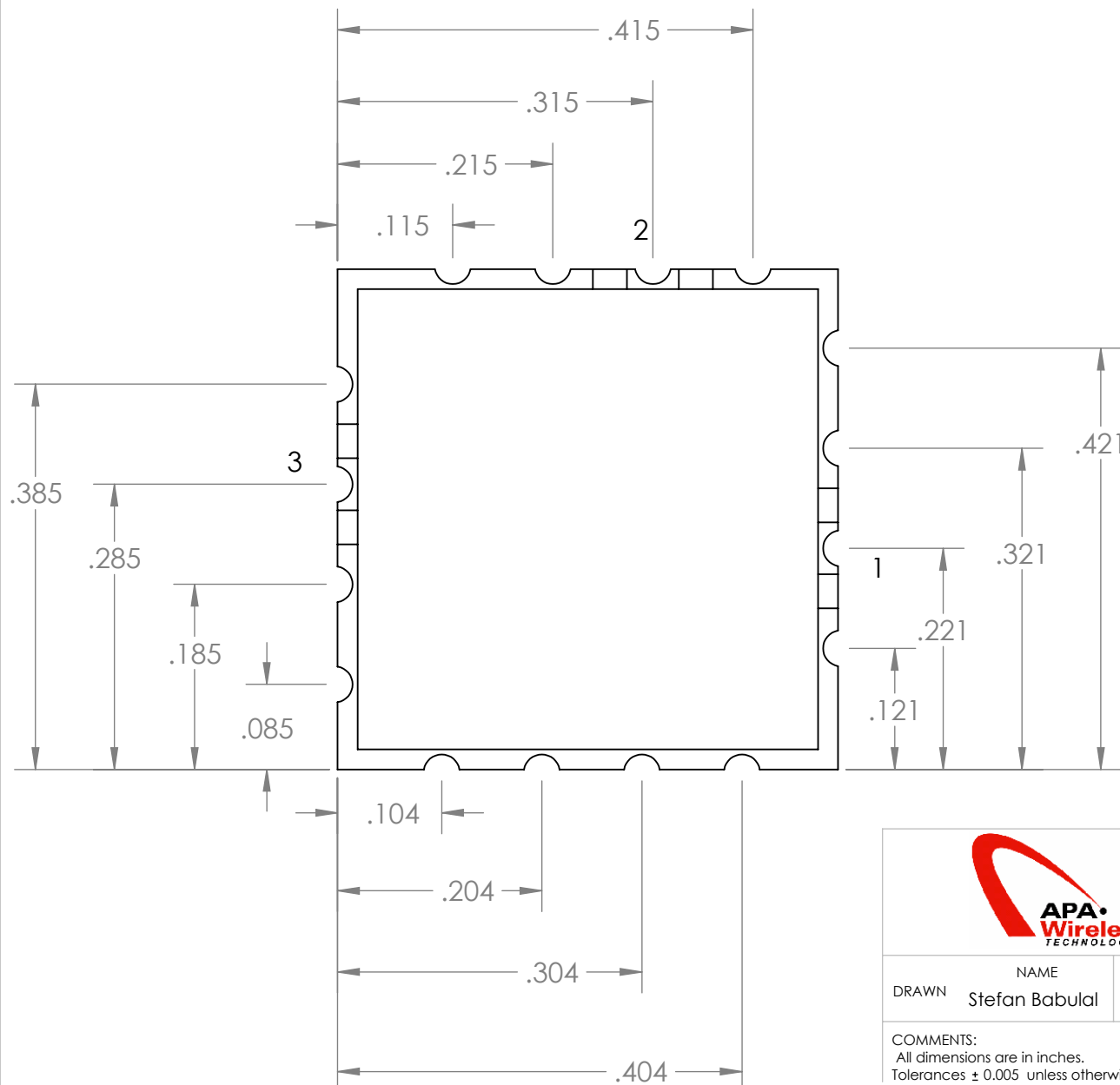


CONTACT ASSIGNMENTS
1. RF OUT
2. SUPPLY INPUT
3. TUNING VOLTAGE INPUT
ALL OTHER CONTACTS ARE GROUND



TITLE: SMUA_135			
SIZE A	DWG. NO. 1	REV	
SCALE: 6:1	unit: inch	SHEET 1 OF 2	

DRAWN	NAME Stefan Babulal	DATE 2/17/2017
COMMENTS: All dimensions are in inches. Tolerances ± 0.005 unless otherwise noted		



DRAWN	NAME Stefan Babulal	DATE 2/17/2017
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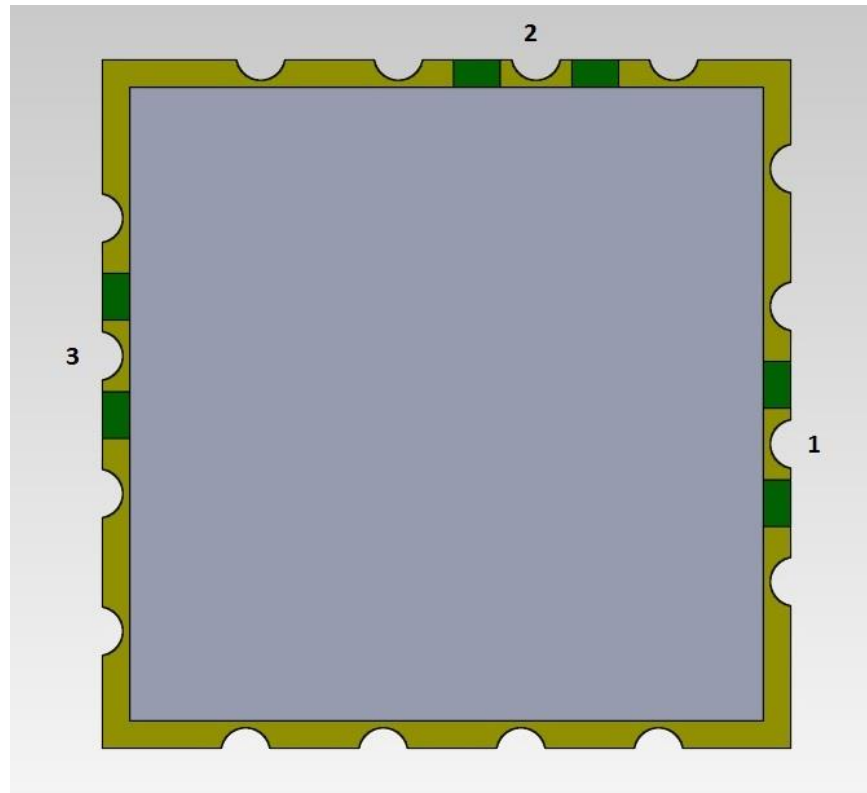
COMMENTS:
All dimensions are in inches.
Tolerances ± 0.005 unless otherwise noted

TITLE:

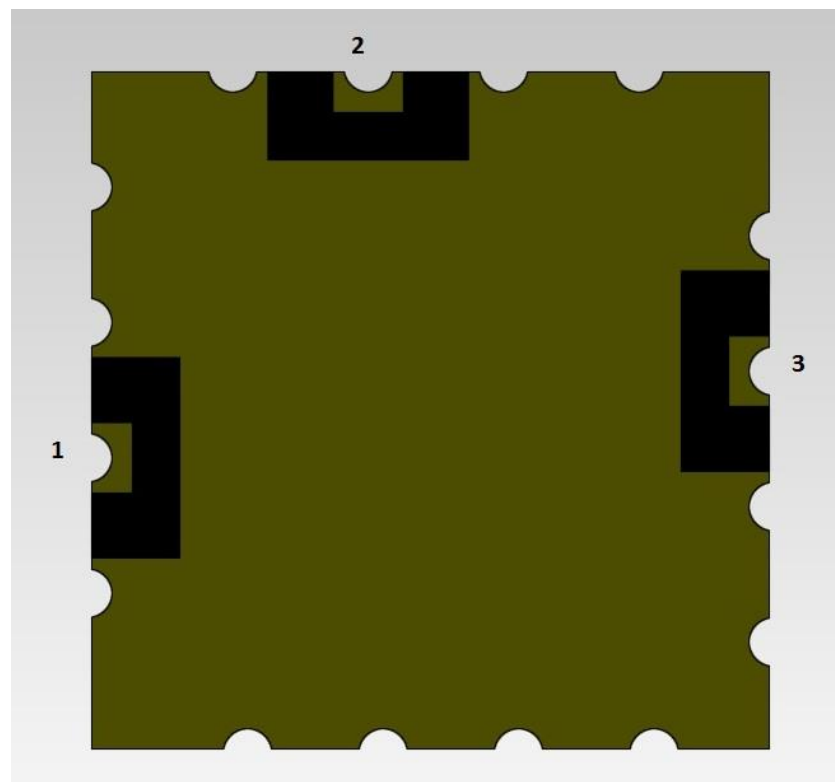
SMUA_135

SIZE A	DWG. NO. 1	REV
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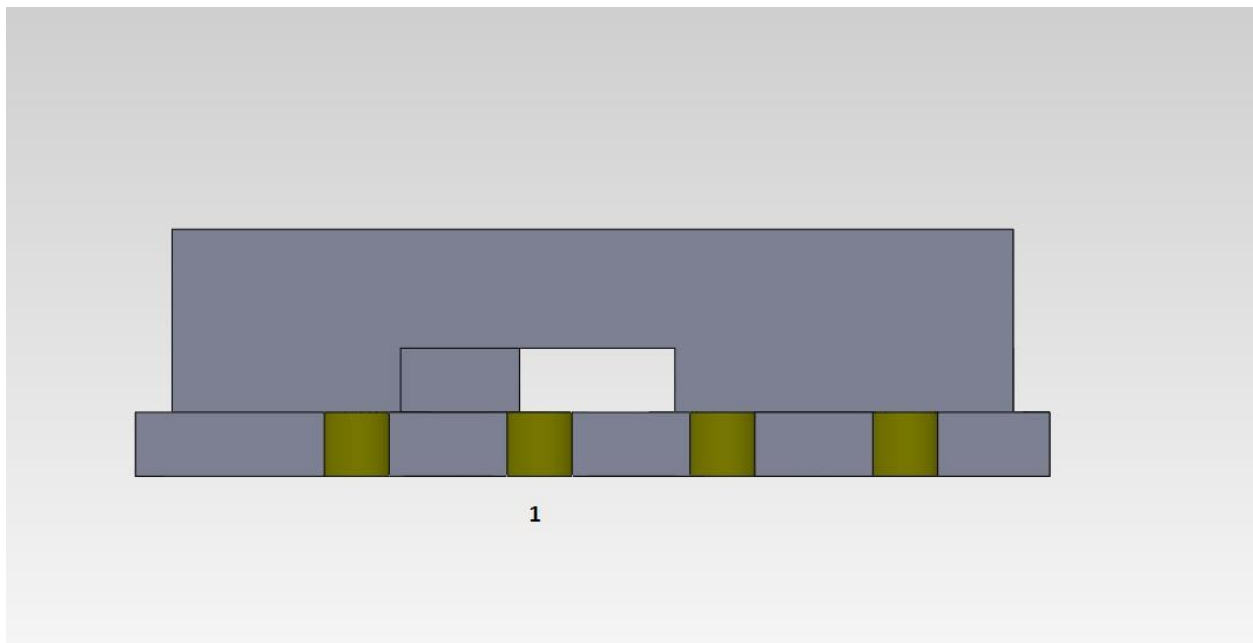
SCALE: 6:1	unit: inch	SHEET 2 OF 2
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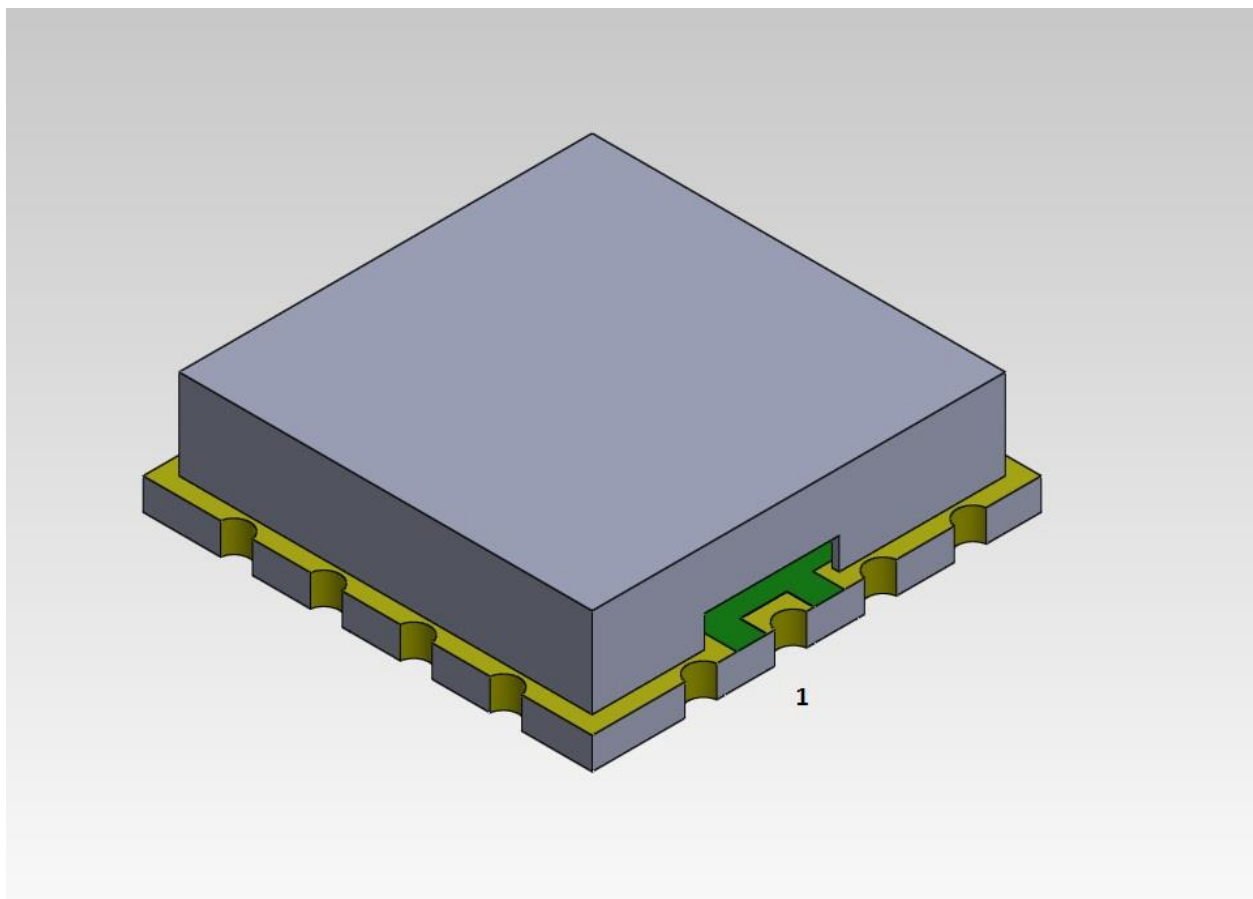
TOP VIEW



BOTTOM VIEW (INVERTED)



SIDE VIEW



ISOMETRIC VIEW