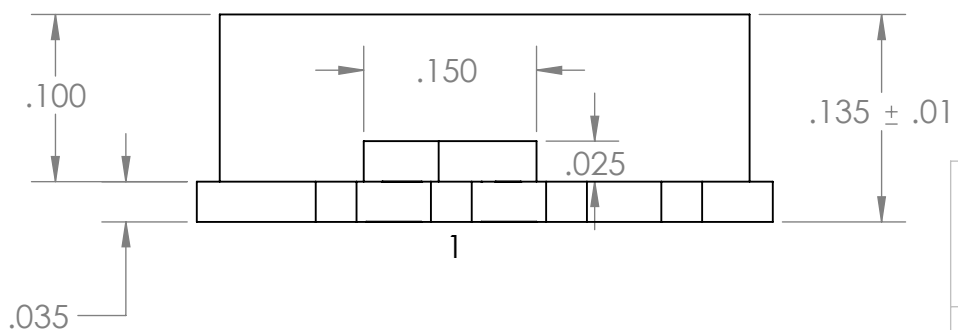
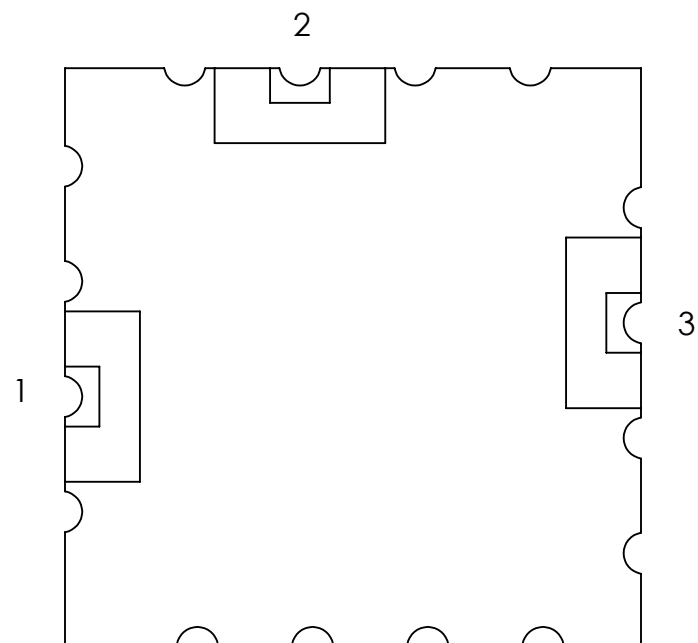
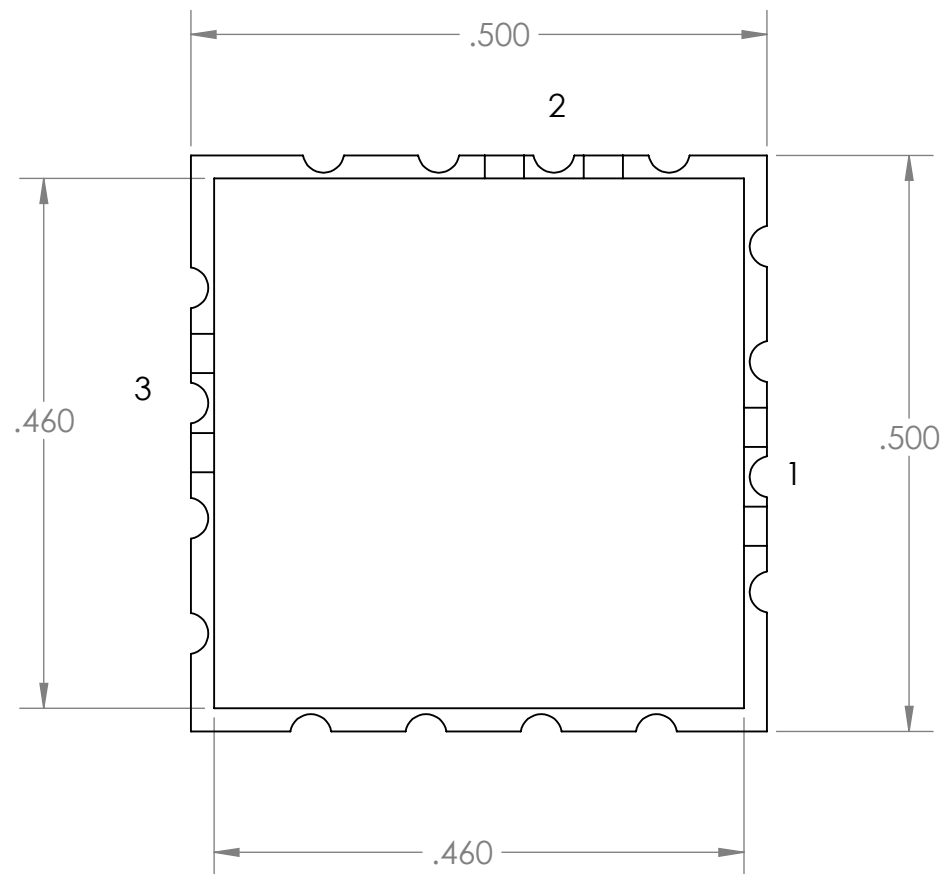




						Production	First Article
	<u>MIN</u>	<u>TYP</u>	<u>MAX</u>	<u>UNITS</u>	<u>NOTES</u>	<u>Test</u>	<u>Test</u>
Frequency Range	1200		1400	MHz	1	☐	☐
Tuning Voltage	0.5		4.5	V	1	☐	☐
Modulation Sensitivity		82		MHz/V	1	☐	☐
Operates with Vtune = 0V					1	☐	☐
Output Power	2	4	6	dBm	1	☐	☐
Phase Noise @							
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		1.5		MHz/V	3	☐	☐
Pulling (1.75:1 VSWR)		1		MHz	3	☐	☐
Modulation Bandwidth		1		MHz	4	☐	☐
Tuning Port Capacitance		47		pF	2	☐	☐
Harmonics		-20	-15	dBc	3	☐	☐
Vcc		5		V	5	☐	☐
Icc		27		mA	1	☐	☐
Operating Temperature	-40		+85	C	3	☐	☐
Package		SMUA			6		
LxW		0.500		inch sq.	5	☐	☐
Height		0.135		inch	5	☐	☐

Notes

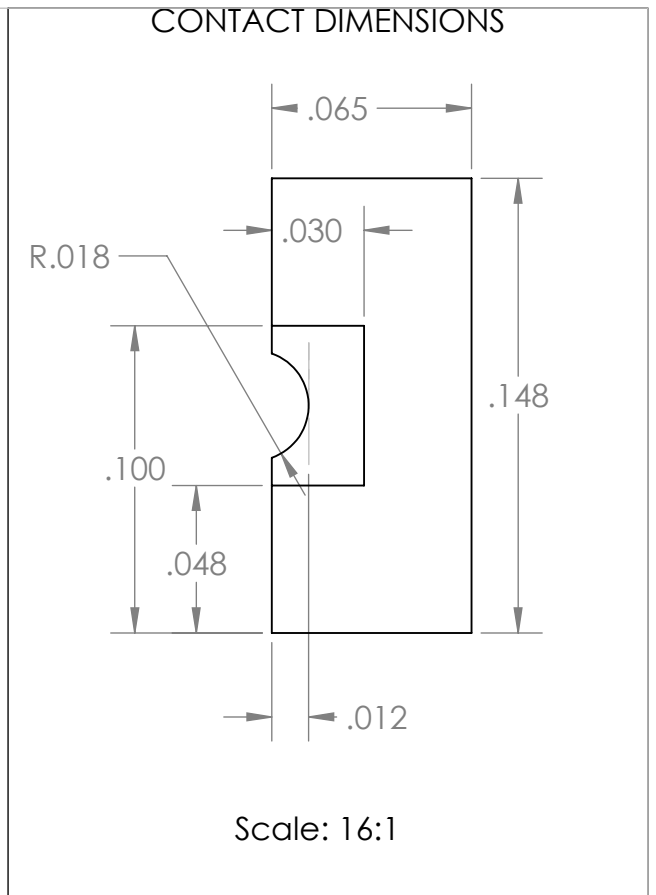
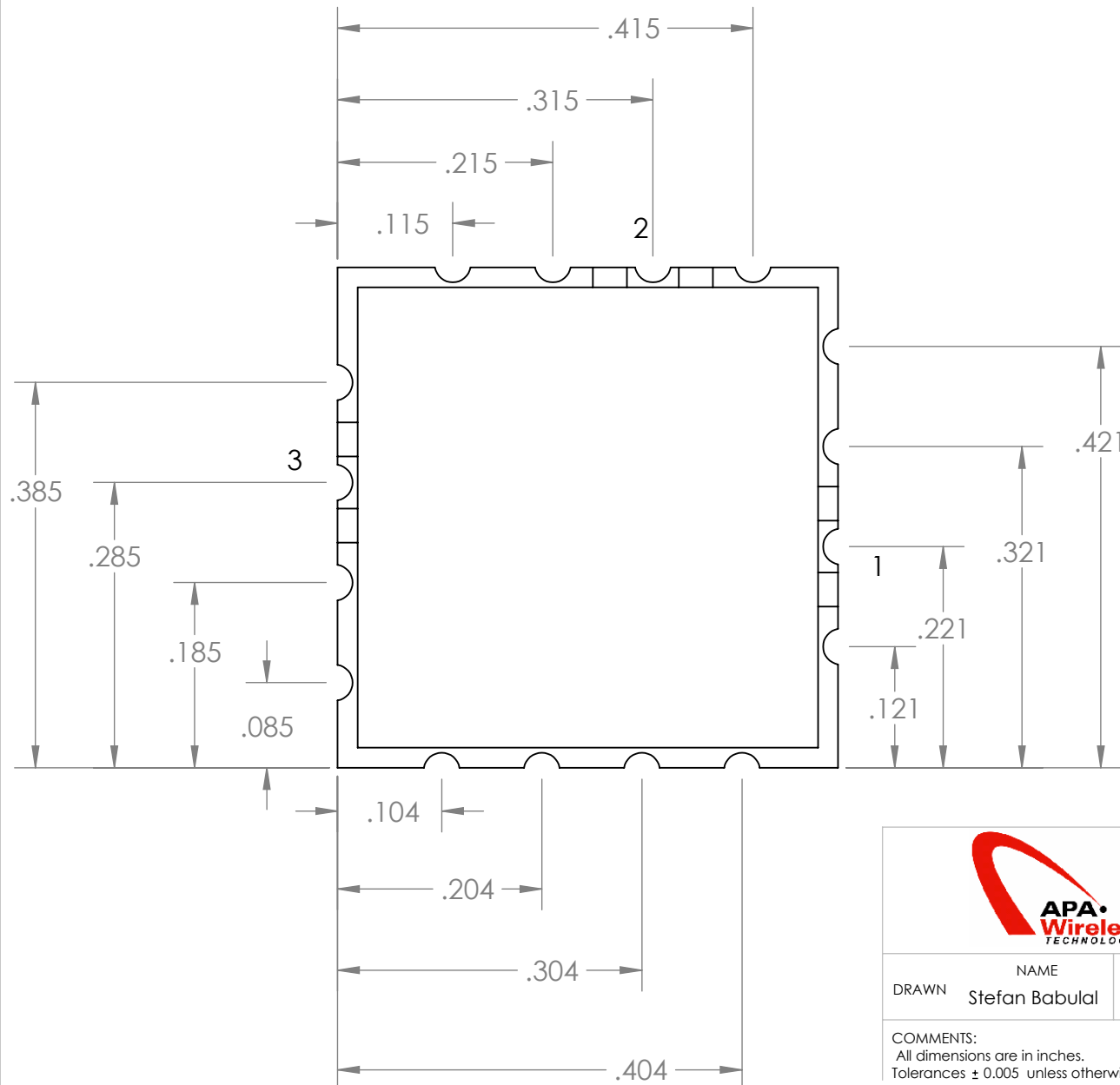
1. Tested in production, and guaranteed
2. Per current design, not a tested parameter
3. Sample tested from production lot
4. Not a tested or guaranteed design goal
5. By inspection
6. RoHS Compliant
7. Design goal subject to change



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



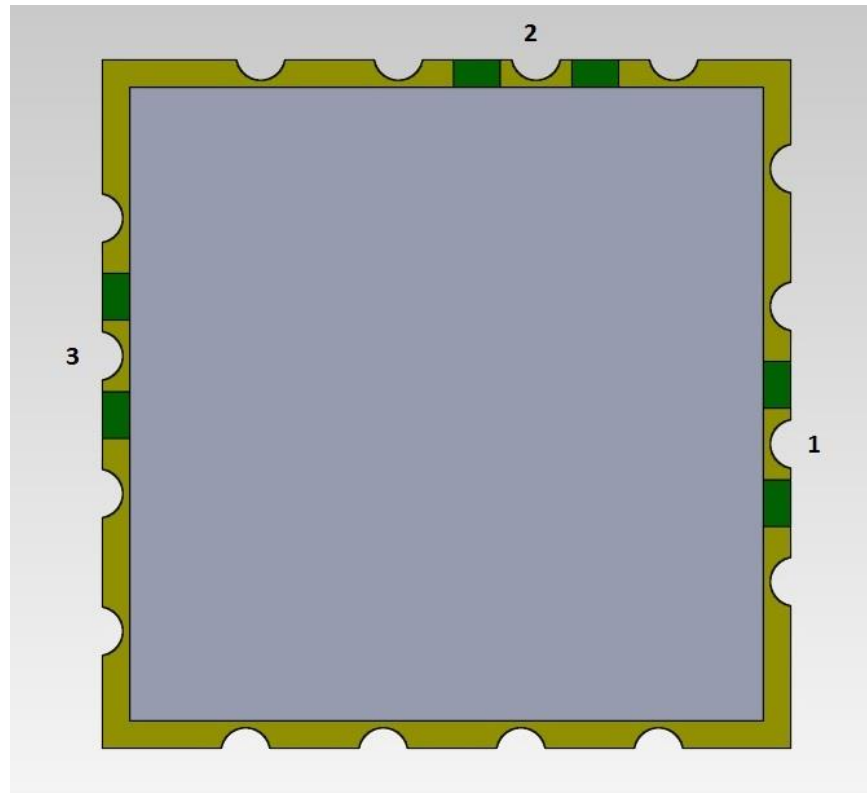
TITLE:		SMUA_135	
DRAWN	NAME Stefan Babulal	DATE 2/17/2017	REV
COMMENTS: All dimensions are in inches. Tolerances ± 0.005 unless otherwise noted		SIZE A	DWG. NO. 1
SCALE: 6:1		unit: inch	SHEET 1 OF 2



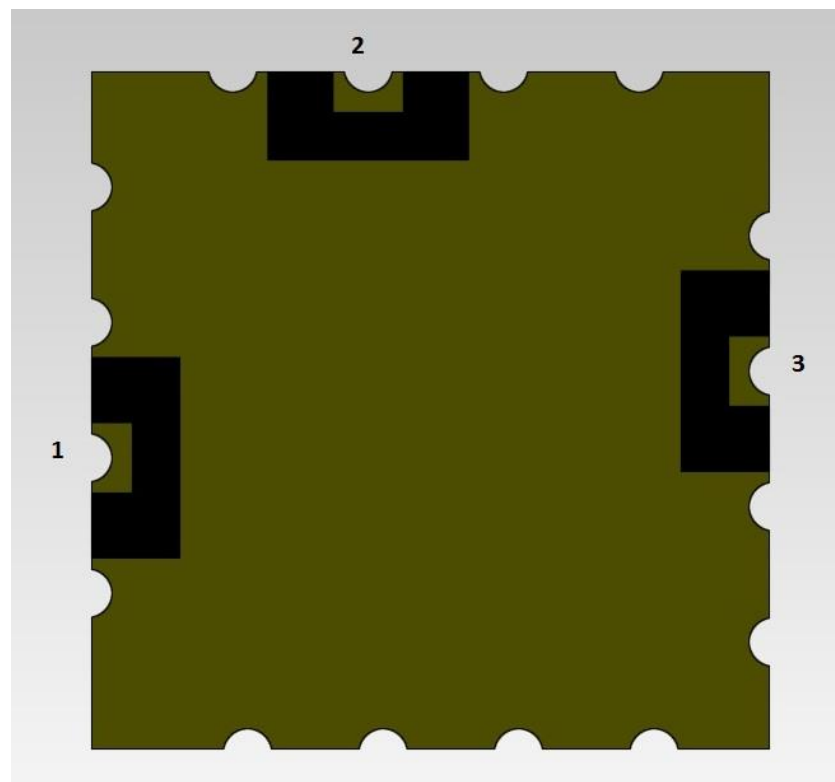
DRAWN	NAME Stefan Babulal	DATE 2/17/2017
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COMMENTS:
All dimensions are in inches.
Tolerances ± 0.005 unless otherwise noted

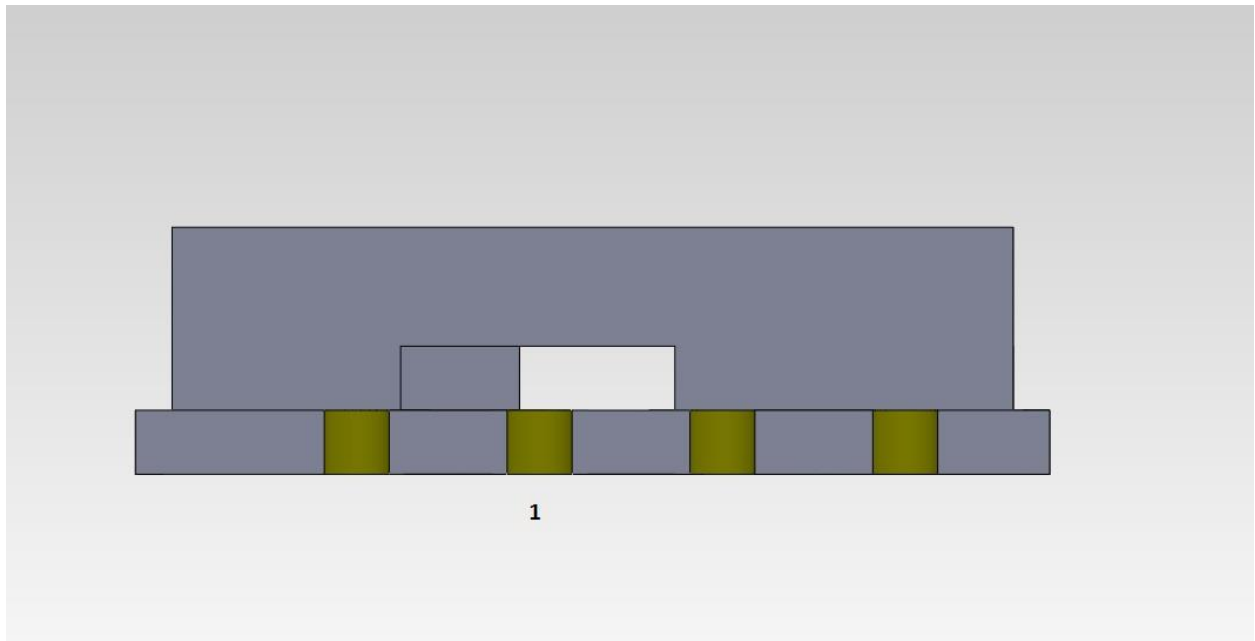
TITLE: SMUA_135			
SIZE A	DWG. NO. 1	REV	
SCALE: 6:1	unit: inch	SHEET 2 OF 2	



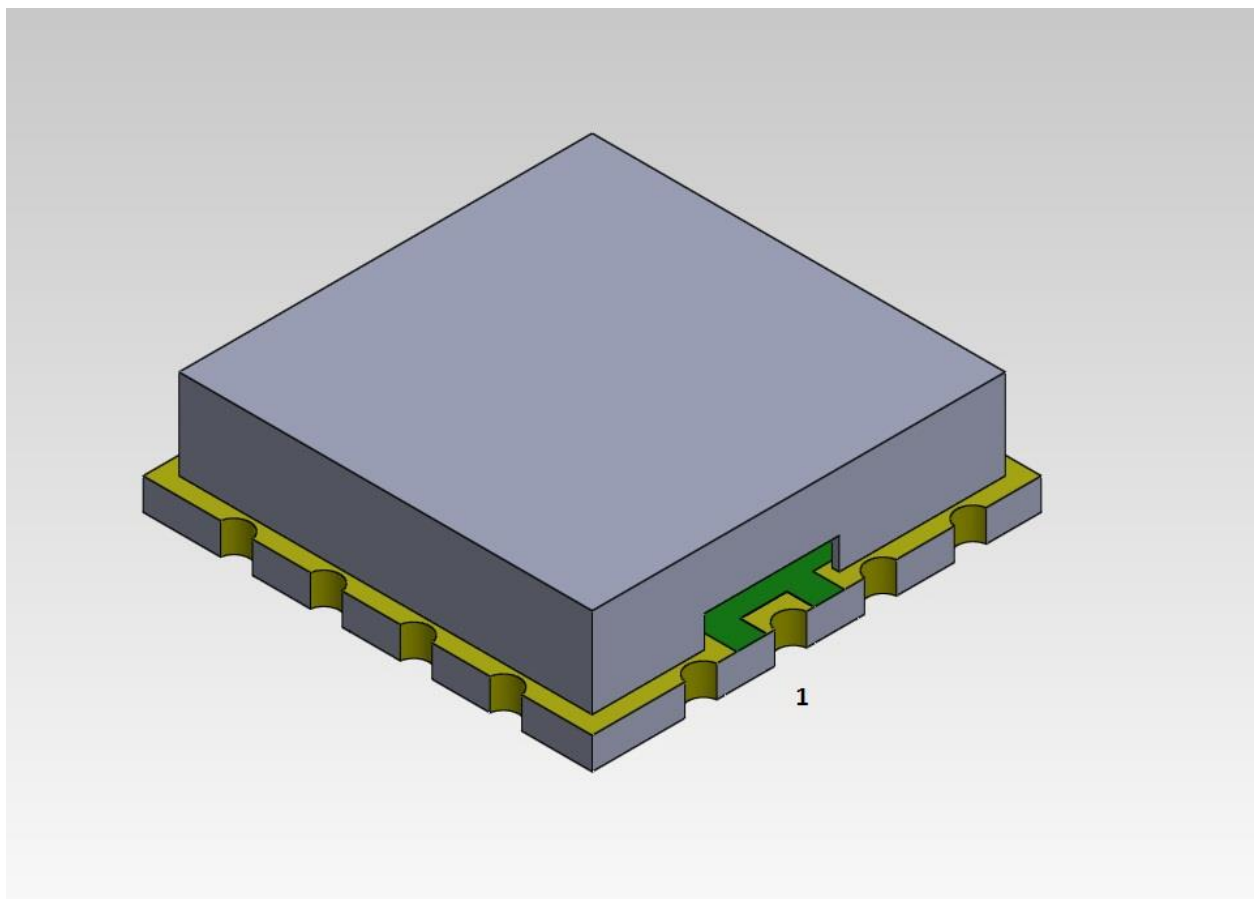
TOP VIEW



BOTTOM VIEW (INVERTED)



SIDE VIEW



ISOMETRIC VIEW