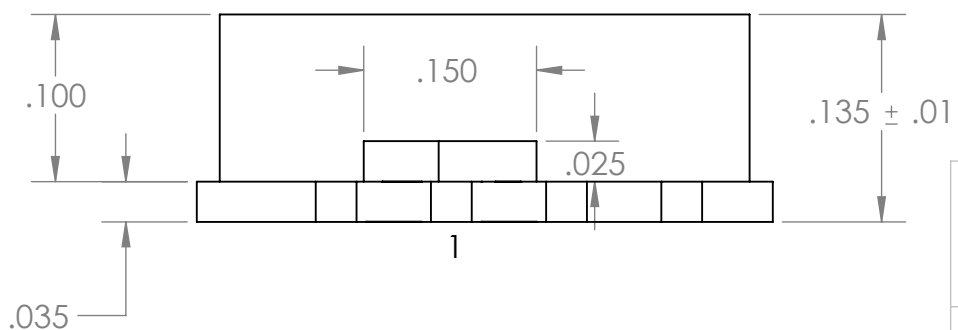
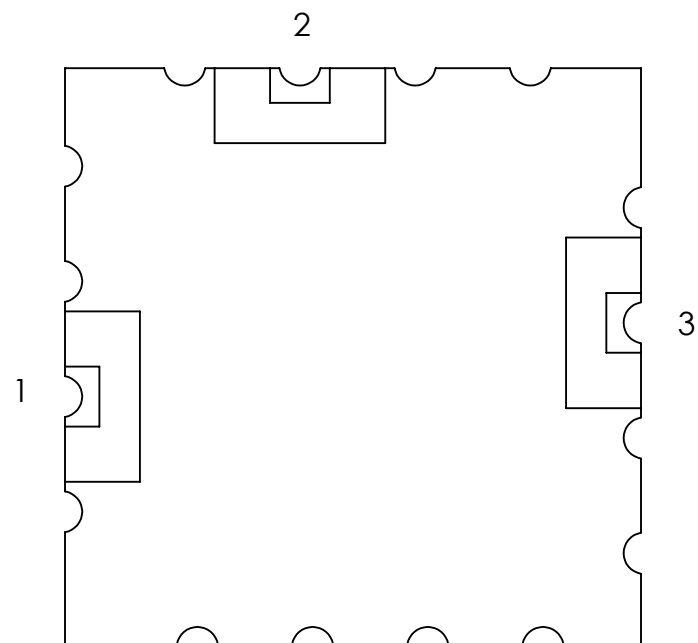
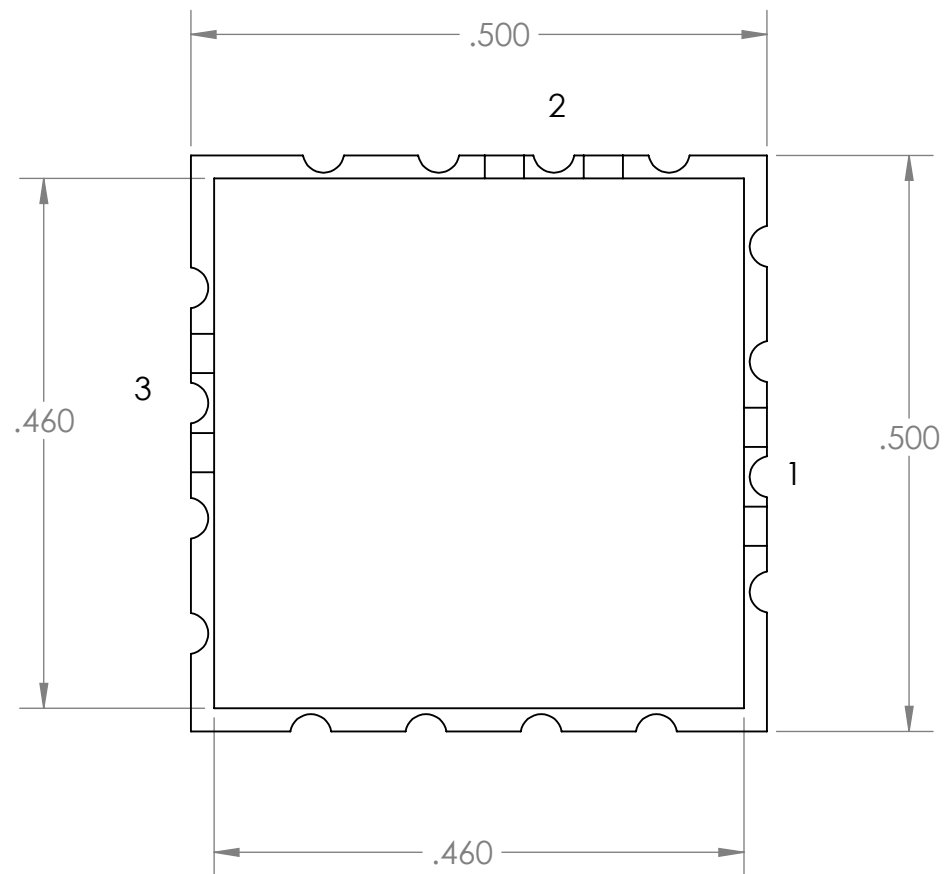




						Production	First Article
	<u>MIN</u>	<u>TYP</u>	<u>MAX</u>	<u>UNITS</u>	<u>NOTES</u>	<u>Test</u>	<u>Test</u>
Frequency Range	736		760	MHz	1	☐	☐
Tuning Voltage	0.5		4.5	V	1	☐	☐
Modulation Sensitivity		13		MHz/V	1	☐	☐
Operates with Vtune = 0V					1	☐	☐
Output Power	-2	0	2	dBm	1	☐	☐
Phase Noise @							
1 KHz Offset		-88	-83	dBc/Hz	1	☐	☐
10 KHz Offset		-115	-110	dBc/Hz	1	☐	☐
100 KHz Offset		-135	-130	dBc/Hz	1	☐	☐
1 MHz Offset		-155	-150	dBc/Hz	1	☐	☐
Pushing		0.2		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		25		mA	1	☐	☐
Operating Temperature	-40		+85	C	3	☐	☐
Package		SMUA			6		
LxW		0.500		inch sq.	5	☐	☐
Height		0.135		inch	5	☐	☐

Notes

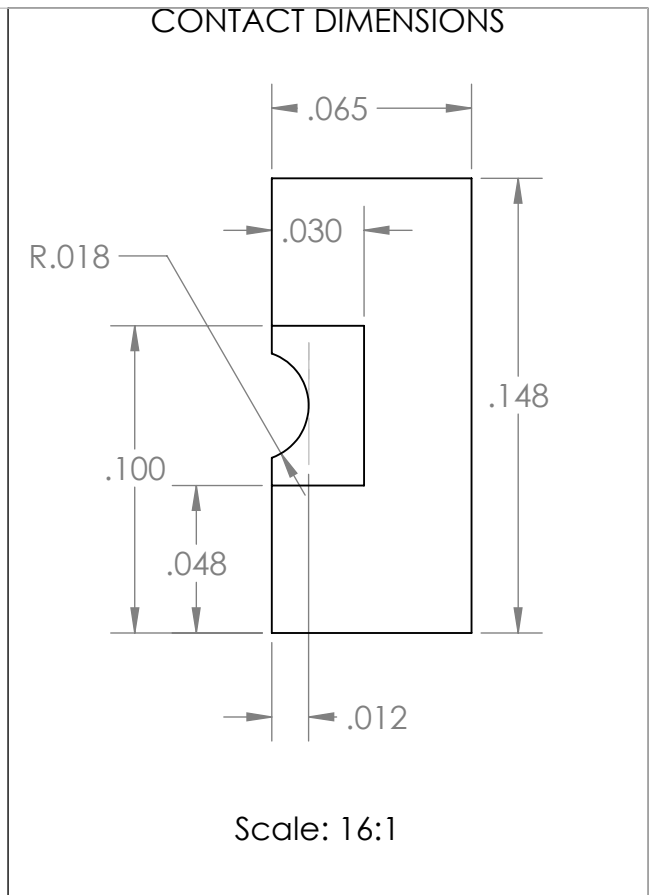
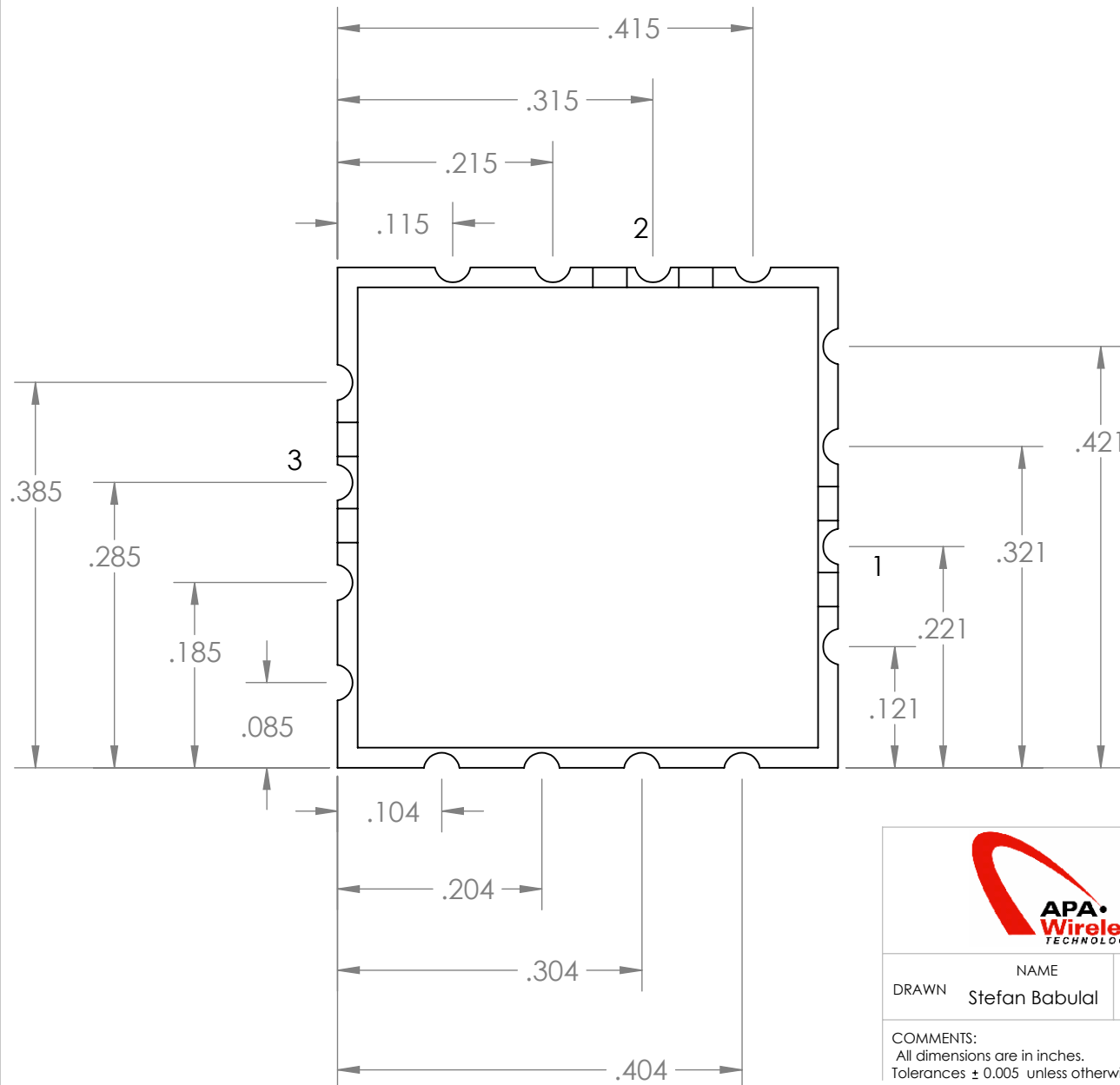
1. Tested in production, and guaranteed
2. Per current design, not a tested parameter
3. Sample tested from production lot
4. Not a tested or guaranteed design goal
5. By inspection
6. RoHS Compliant
7. Design goal subject to change



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



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



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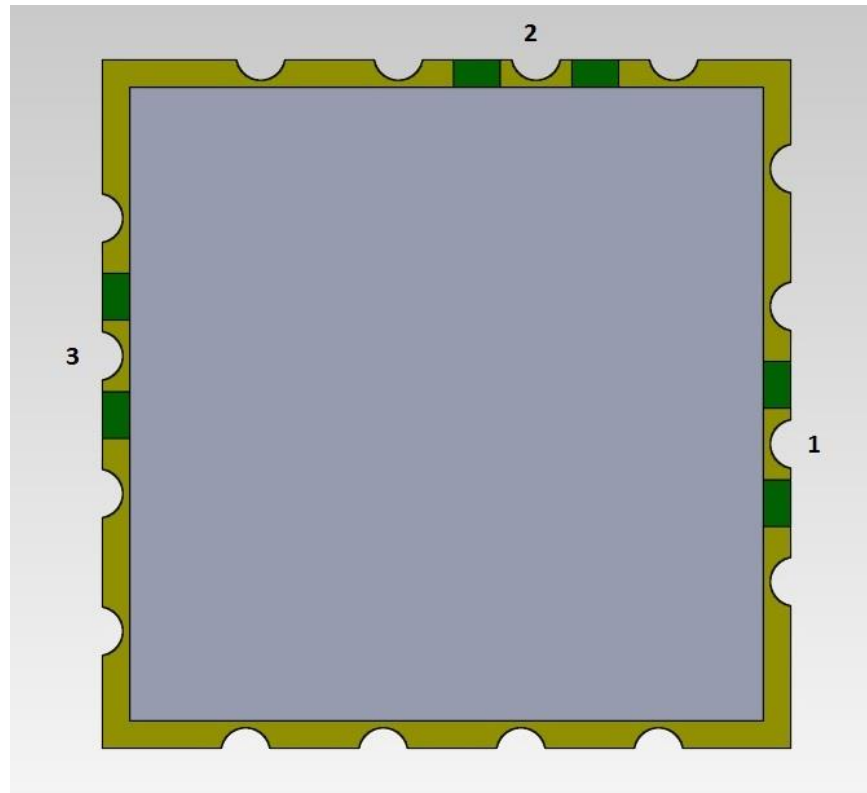
COMMENTS:
All dimensions are in inches.
Tolerances ± 0.005 unless otherwise noted

TITLE:

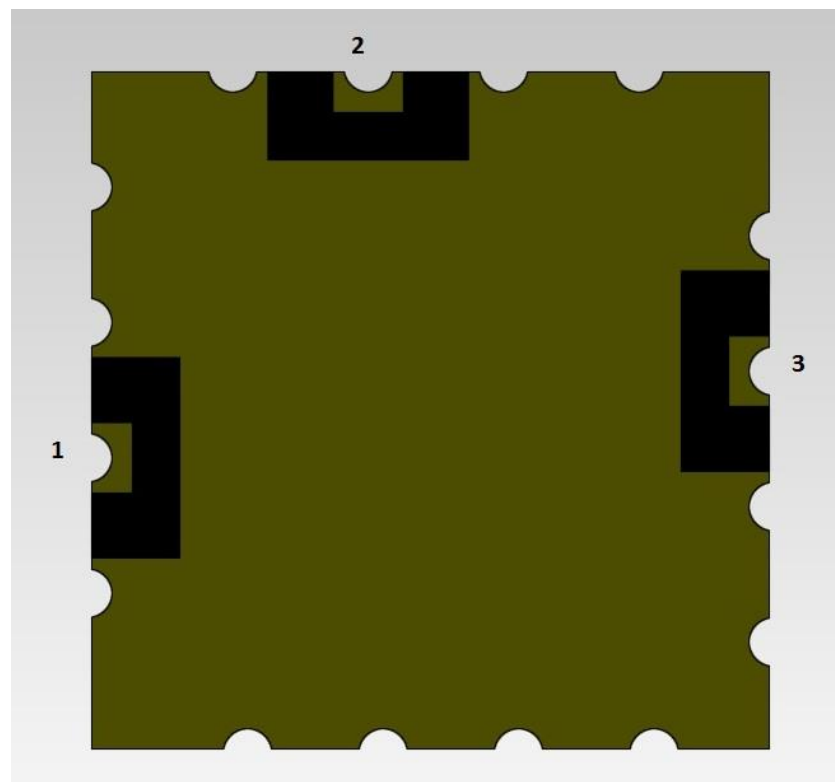
SMUA_135

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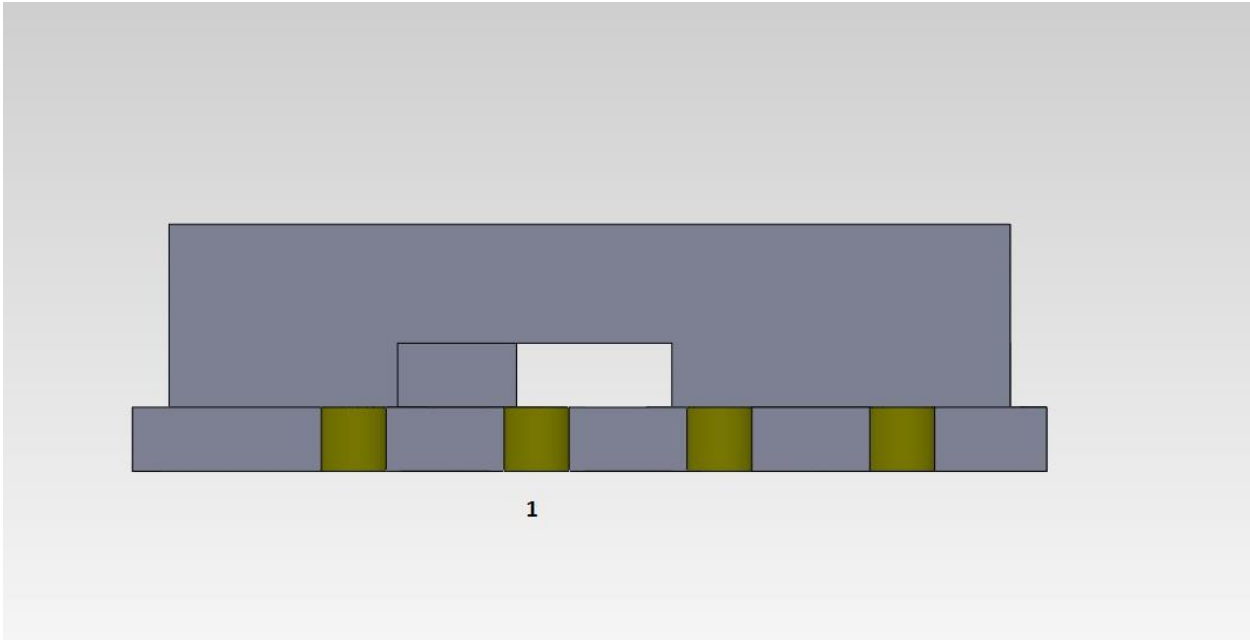
SCALE: 6:1	unit: inch	SHEET 2 OF 2
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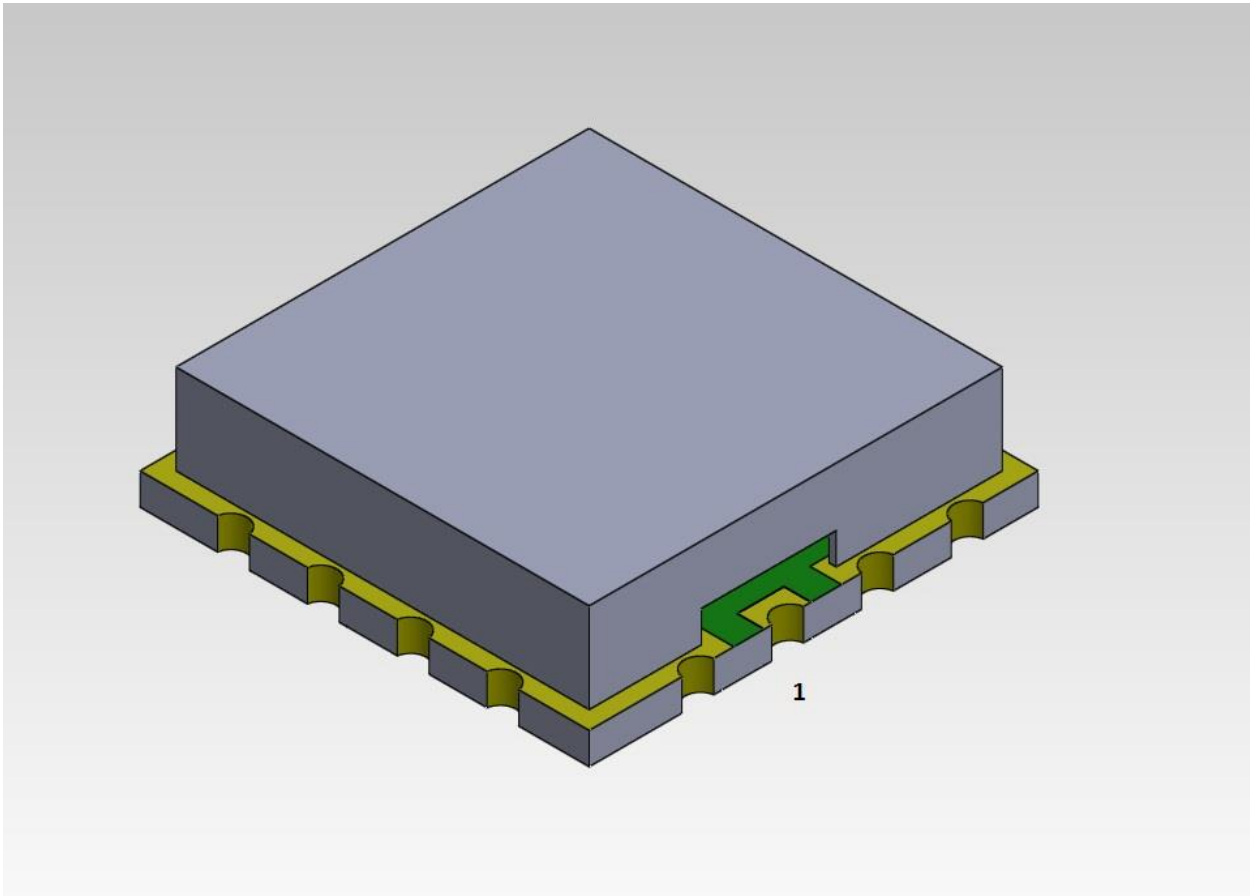
TOP VIEW



BOTTOM VIEW (INVERTED)



SIDE VIEW



ISOMETRIC VIEW