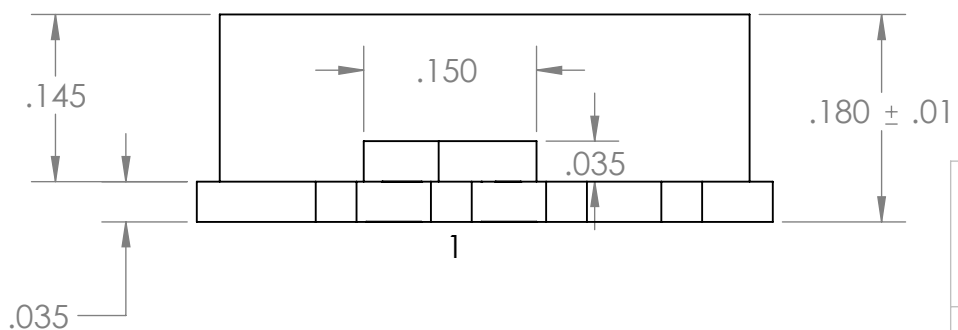
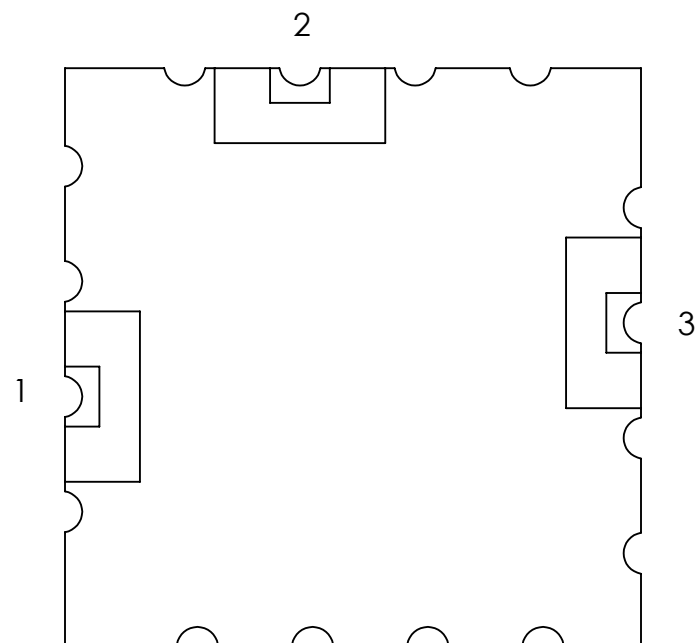
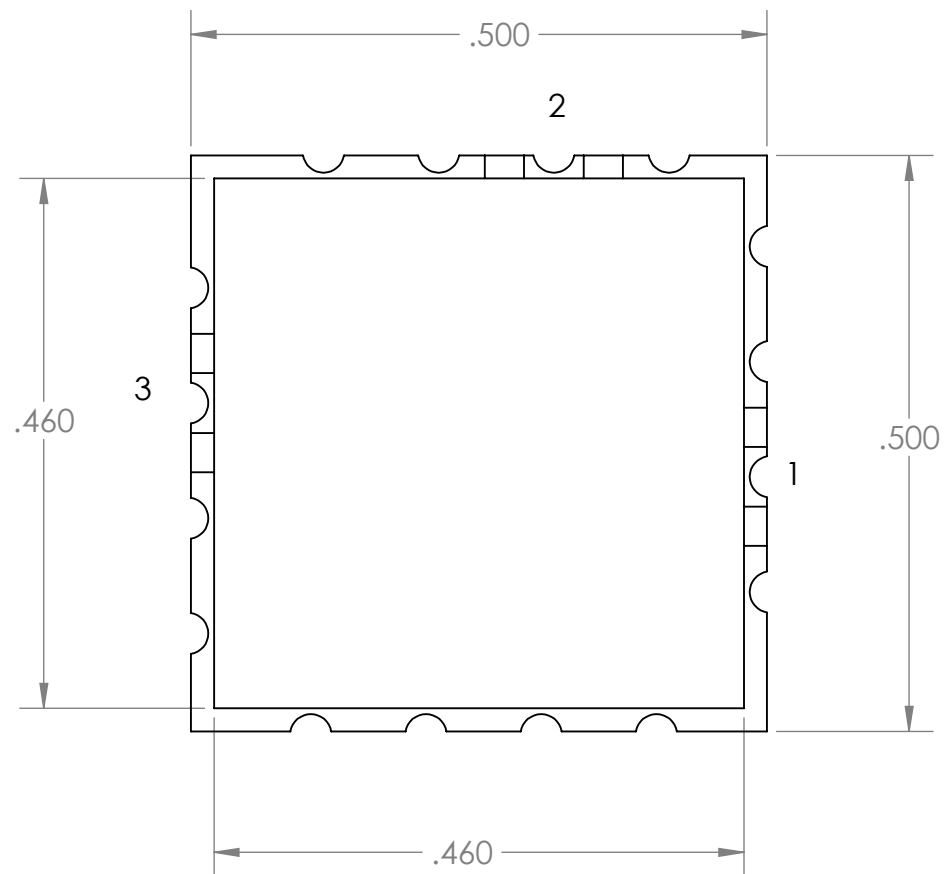




	<u>MIN</u>	<u>TYP</u>	<u>MAX</u>	<u>UNITS</u>	<u>NOTES</u>	Production <u>Test</u>	First Article <u>Test</u>
Frequency Range	1450		1900	MHz	1	..	..
Tuning Voltage	0.5		20.0	V	1	..	..
Modulation Sensitivity		29		MHz/V	1	..	..
Operates with Vtune = 0V					1	..	..
Output Power	5	7	9	dBm	1	..	..
Phase Noise @							
1 KHz Offset		-80		dBc/Hz	1	..	..
10 KHz Offset		-106		dBc/Hz	1	..	..
100 KHz Offset		-126		dBc/Hz	1	..	..
1 MHz Offset		-146		dBc/Hz	1	..	..
10 MHz Offset		-166		dBc/Hz	1	..	..
Pushing		1		MHz/V	3	..	..
Pulling (12 dB R.L.)		7		MHz _{p-p}	3	..	..
Modulation Bandwidth		100		MHz	4	..	..
Tuning Port Capacitance		47		pF	2	..	..
Harmonics		-15	-7	dBc	3	..	..
Vcc		10		V			
Icc		25		mA	1	..	..
Operating Temperature	-40		+85	C	3	..	..
Package		SMUA			6		
LxW		0.500		inch sq.	5	..	..
Height		0.180		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



CONTACT ASSIGNMENTS

1. RF OUT

2. SUPPLY INPUT

3. TUNING VOLTAGE INPUT

ALL OTHER CONTACTS ARE
GROUND



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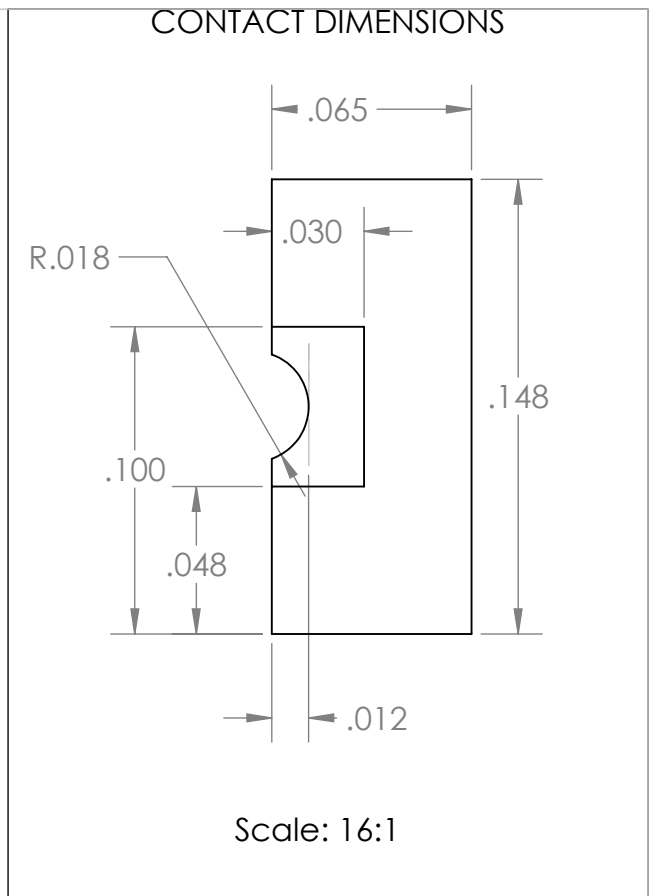
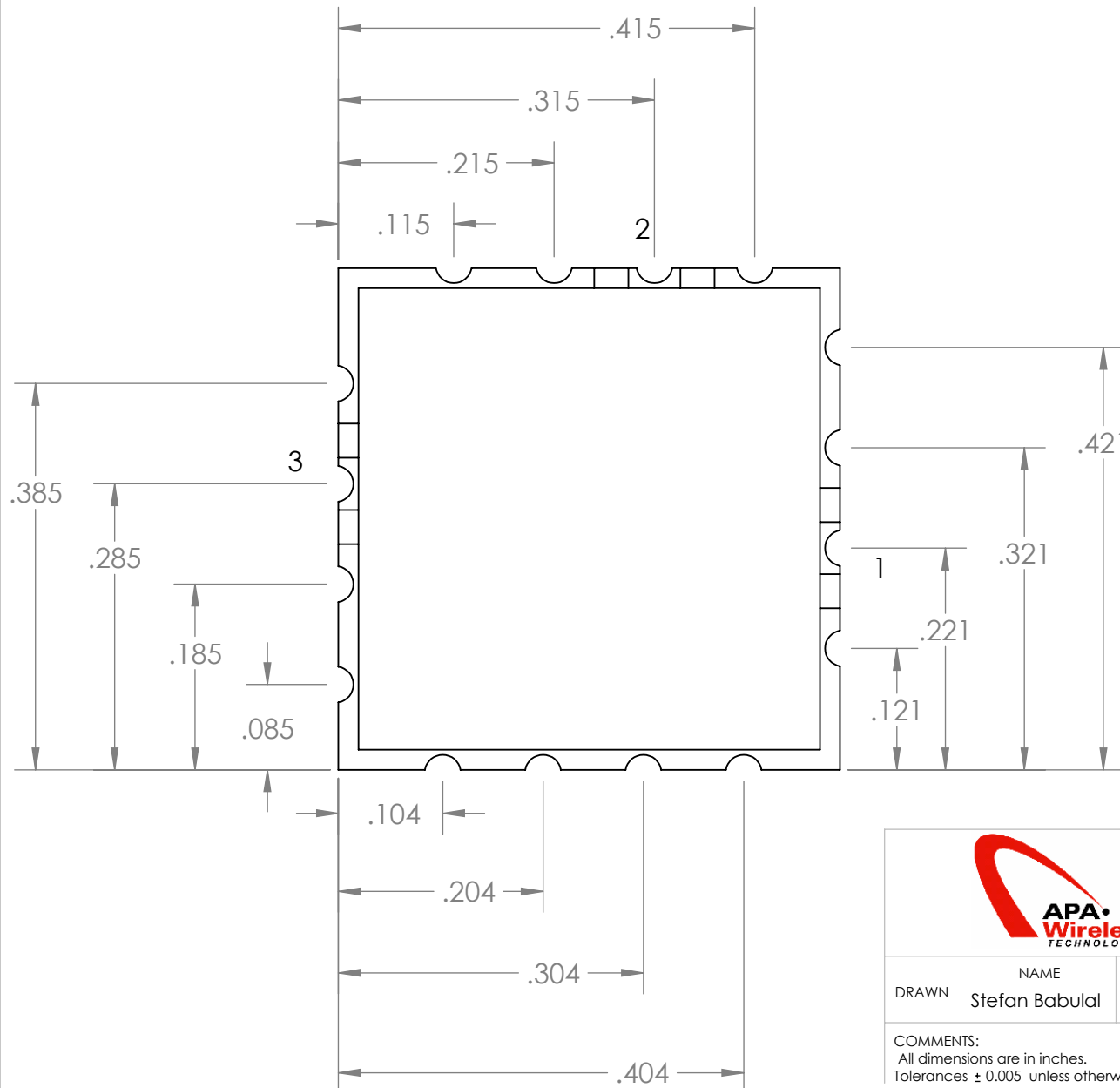
COMMENTS:
All dimensions are in inches.
Tolerances ± 0.005 unless otherwise noted

TITLE:

R145190SMUA10_180

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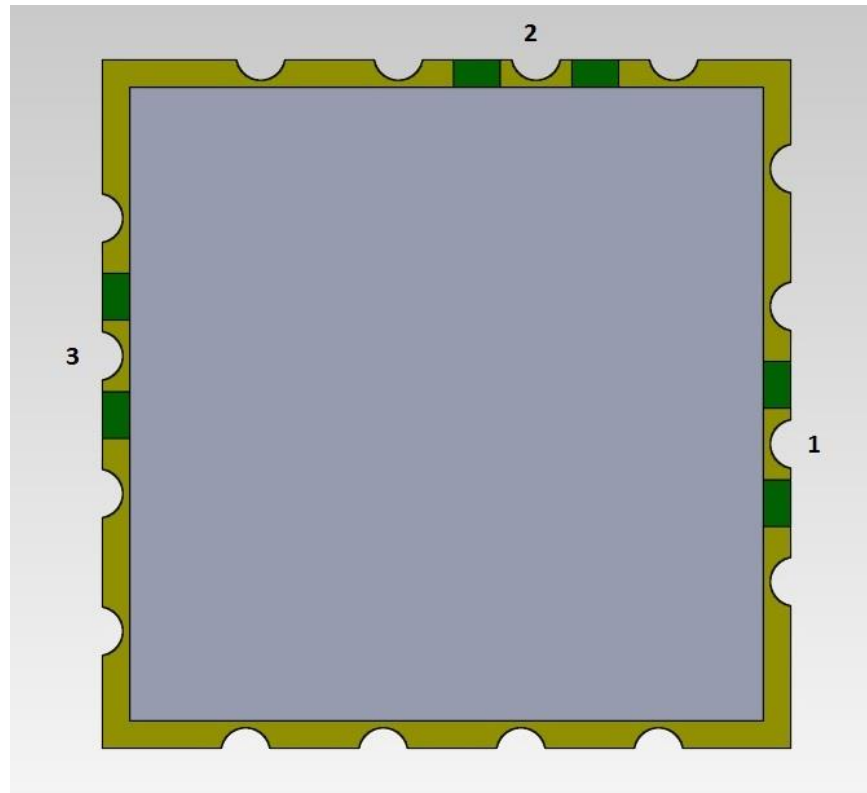
SCALE: 6:1	unit: inch	SHEET 1 OF 2
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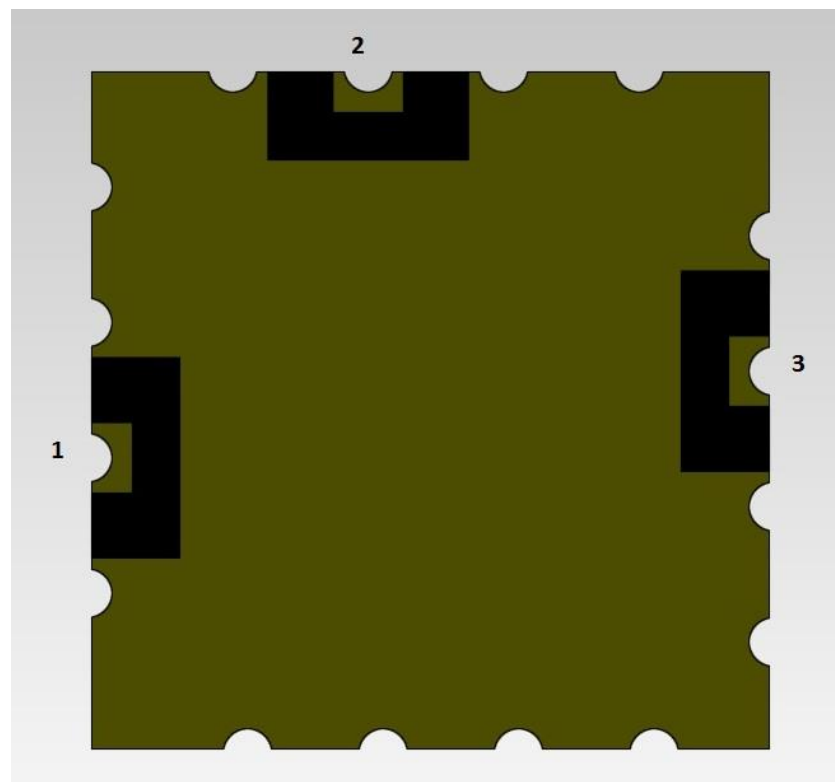
DRAWN	NAME Stefan Babulal	DATE 2/17/2017
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COMMENTS:
All dimensions are in inches.
Tolerances ± 0.005 unless otherwise noted

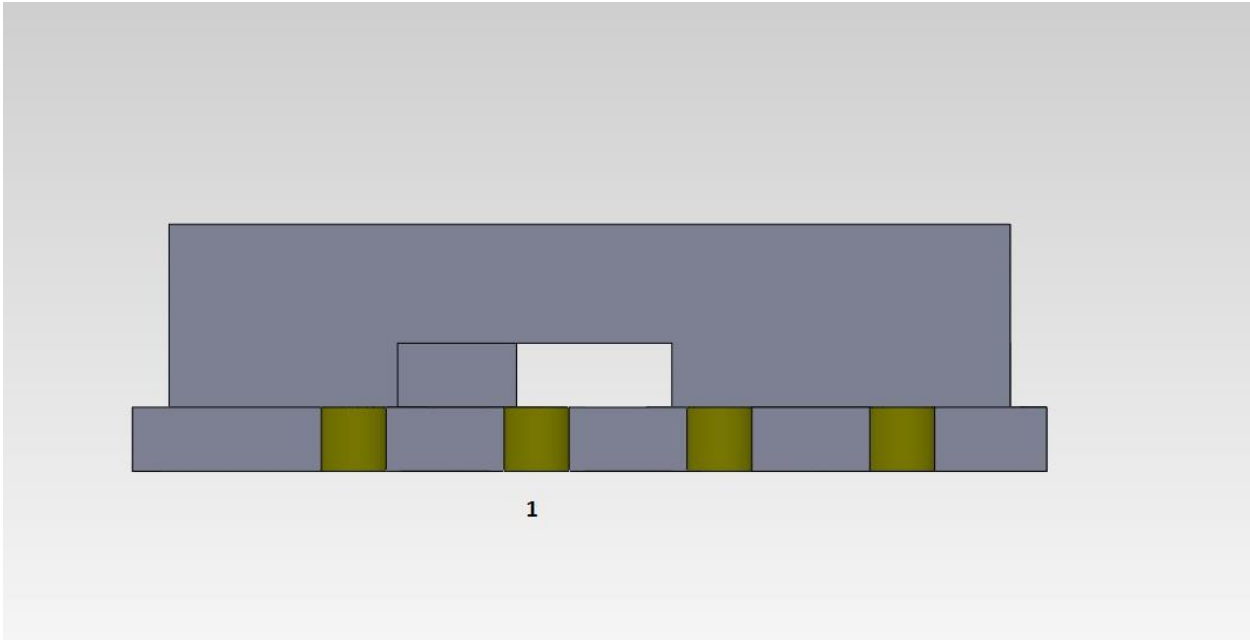
TITLE: R145190SMUA10_180		
SIZE A	DWG. NO. 1	REV
SCALE: 6:1	unit: inch	SHEET 2 OF 2



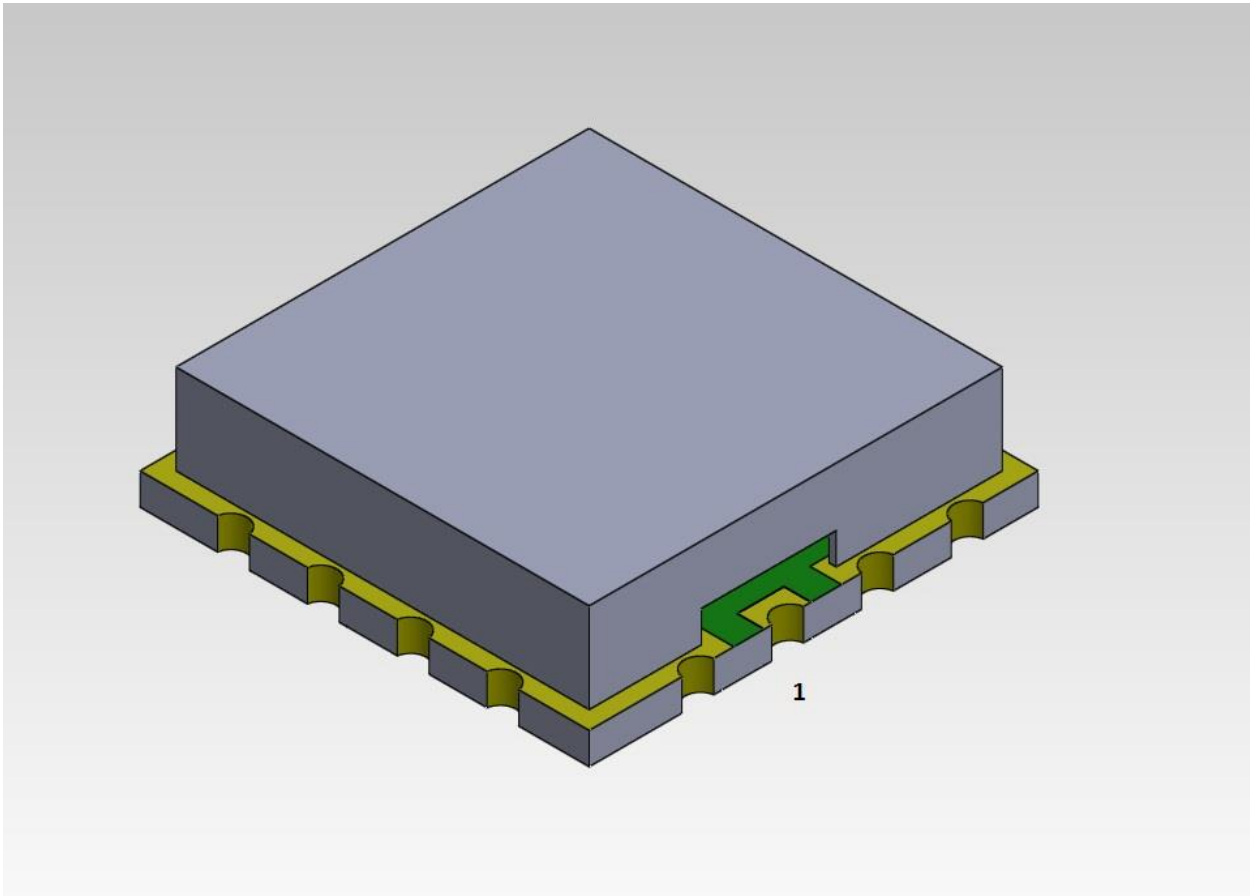
TOP VIEW



BOTTOM VIEW (INVERTED)



SIDE VIEW



ISOMETRIC VIEW