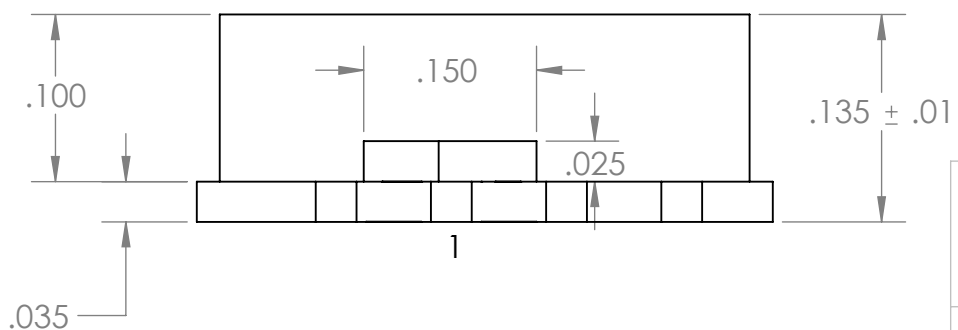
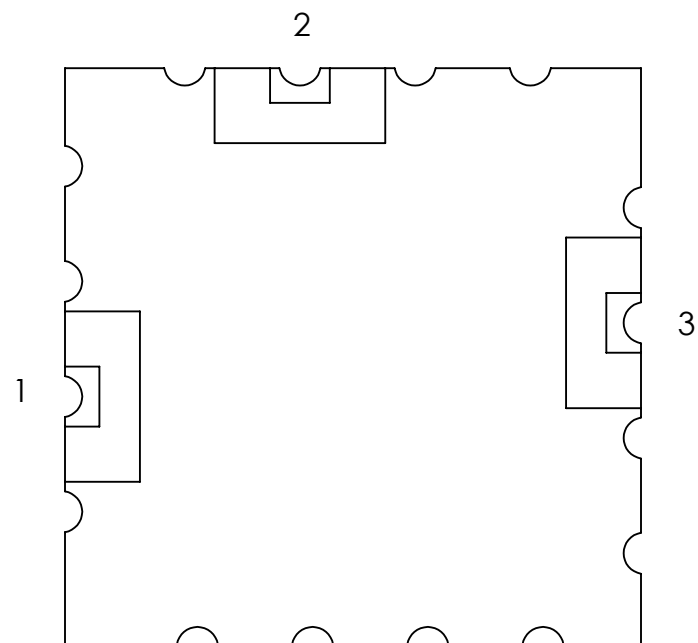
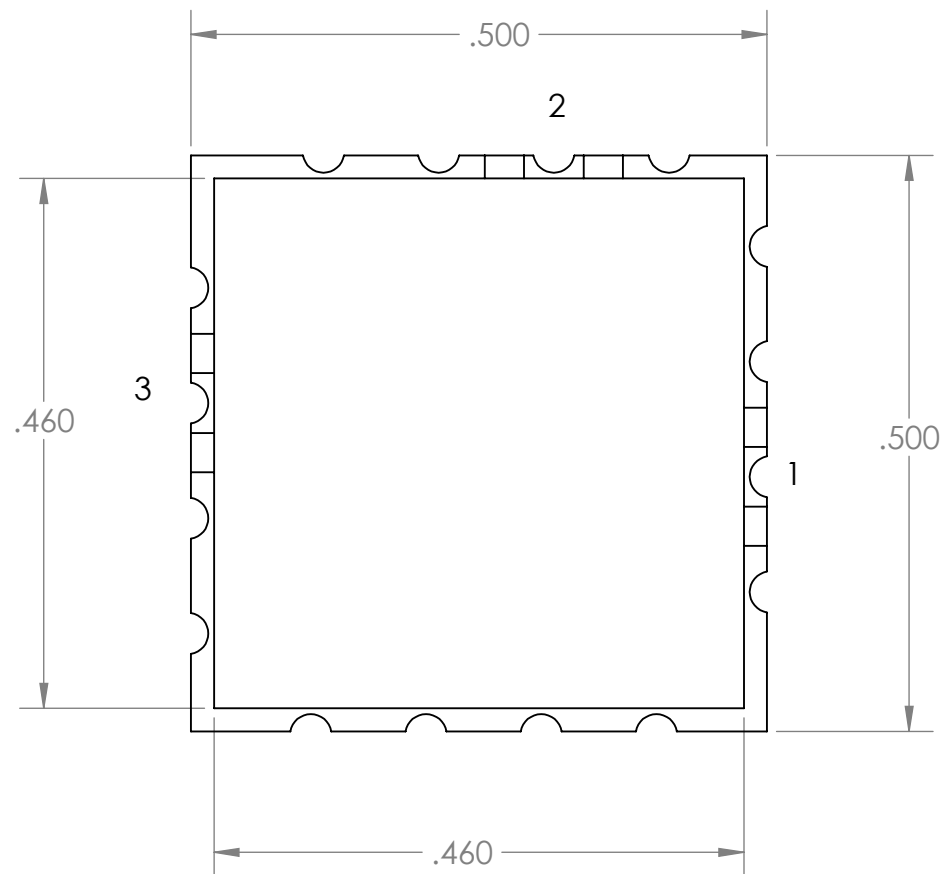




						Production	First Article
	<u>MIN</u>	<u>TYP</u>	<u>MAX</u>	<u>UNITS</u>	<u>NOTES</u>	<u>Test</u>	<u>Test</u>
Frequency Range	1400		2400	MHz	1	..	..
Tuning Voltage	1		16	V	1	..	..
Modulation Sensitivity		85		MHz/V	1	..	..
Operates with Vtune = 0V					1	..	..
Output Power	8	10	12	dBm	1	..	..
Phase Noise @ 10 KHz							
1 KHz Offset		-70	-65	dBc/Hz	1	..	..
10 KHz Offset		-95	-90	dBc/Hz	1	..	..
100 KHz Offset		-115	-110	dBc/Hz	1	..	..
1 MHz Offset		-135	-130	dBc/Hz	1	..	..
10 MHz Offset		-155	-150	dBc/Hz	1	..	..
Pushing		1	2.5	MHz/V	3	..	..
Pulling (12 dB R.L.)		20	30	MHz	3	..	..
Tuning Port Capacitance		47		pF	2	..	..
Modulation Bandwidth		25		MHz	4	..	..
Harmonics		-20	-12	dBc	3	..	..
Vcc		12		V		..	..
Icc		31		mA	1	..	..
Operating Temperature	-40		+85	C	3	..	..
Package		SMUA			6,7		
L x W		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. Solder mask on pcb bottom



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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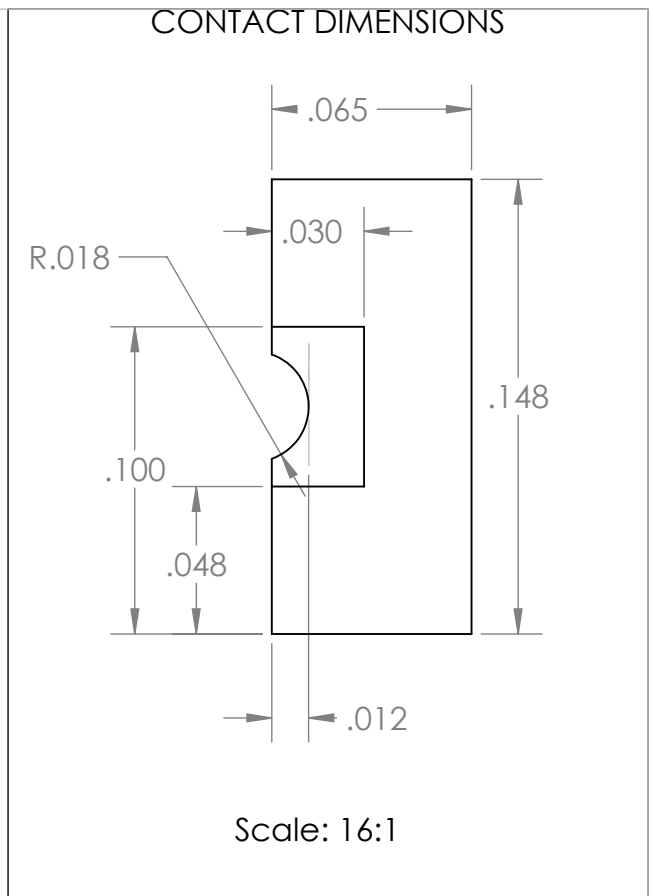
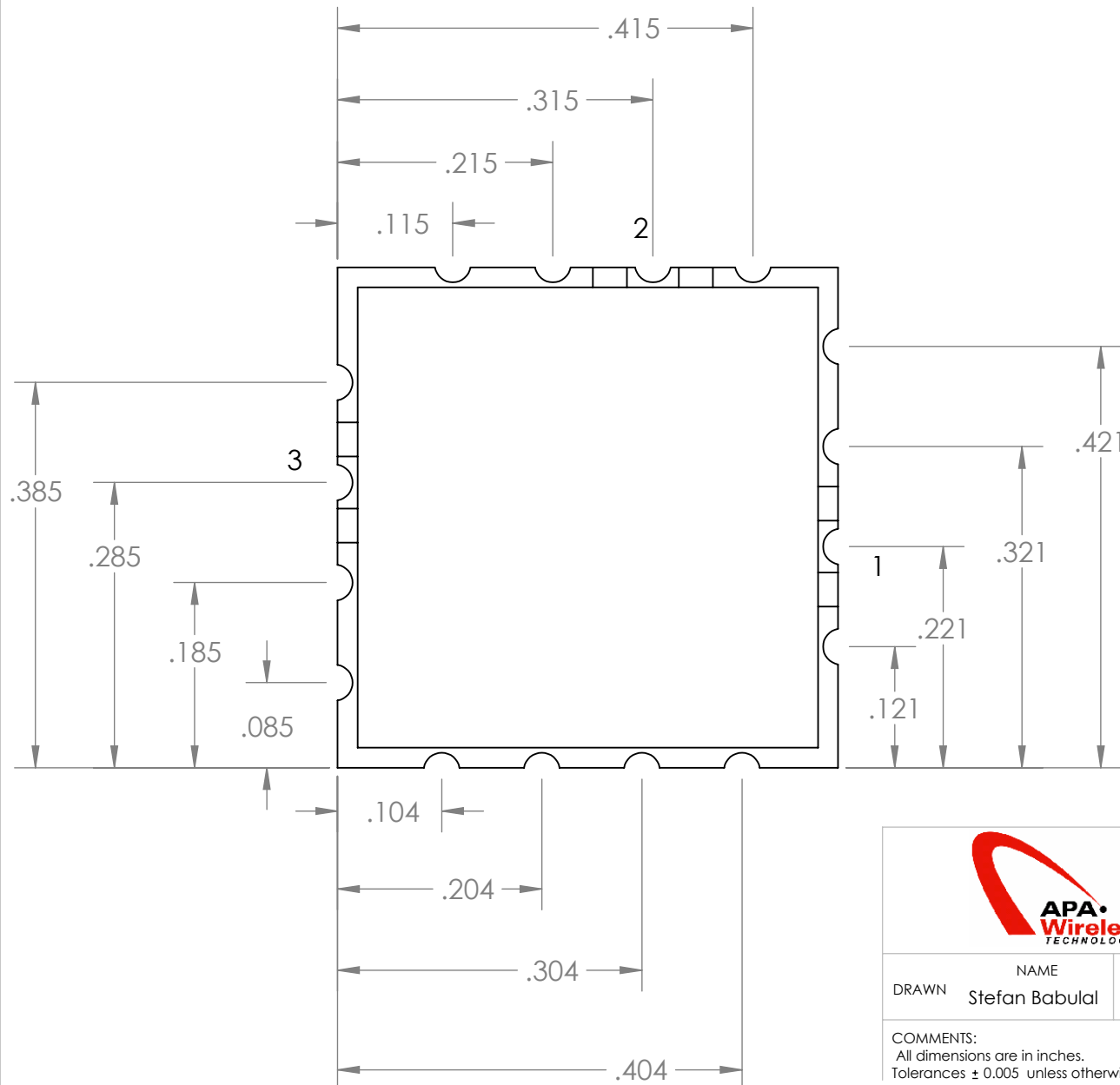
COMMENTS:
All dimensions are in inches.
Tolerances ± 0.005 unless otherwise noted

TITLE:

SMUA_135

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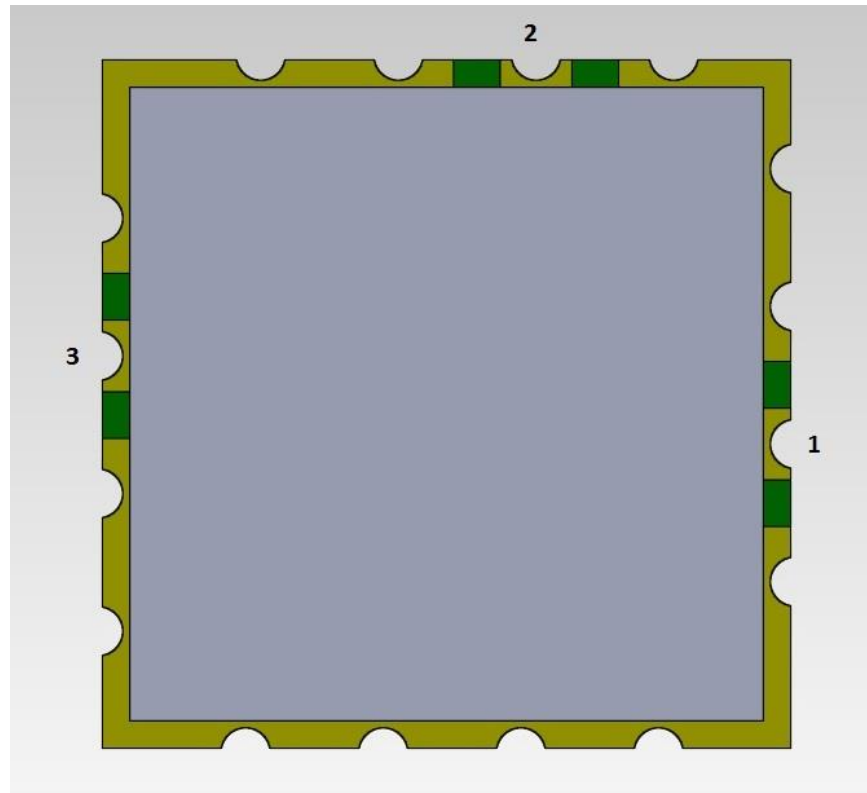
SCALE: 6:1	unit: inch	SHEET 1 OF 2
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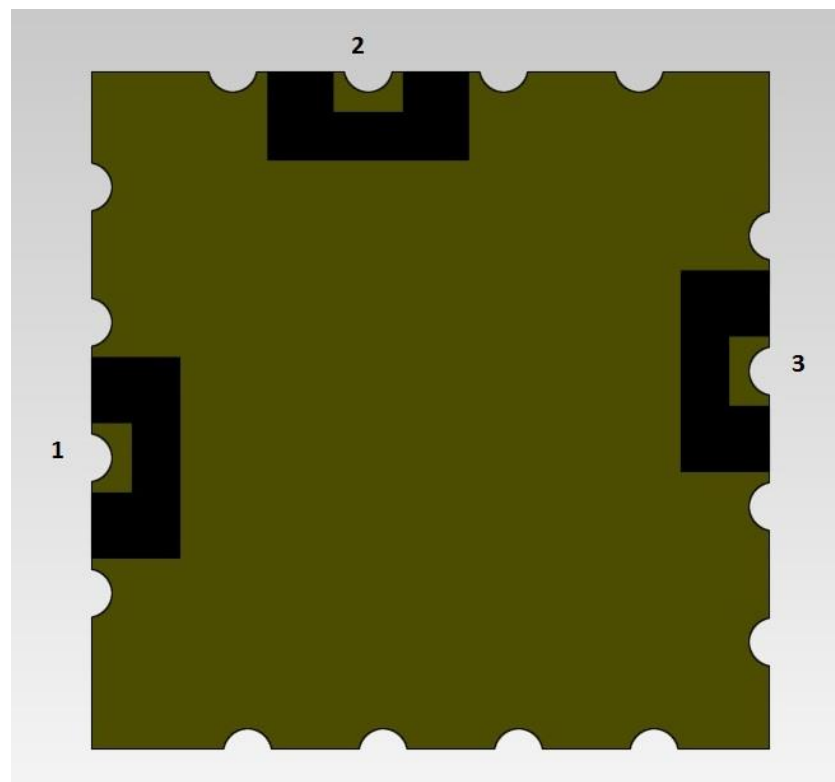
DRAWN	NAME Stefan Babulal	DATE 2/17/2017
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COMMENTS:
All dimensions are in inches.
Tolerances ± 0.005 unless otherwise noted

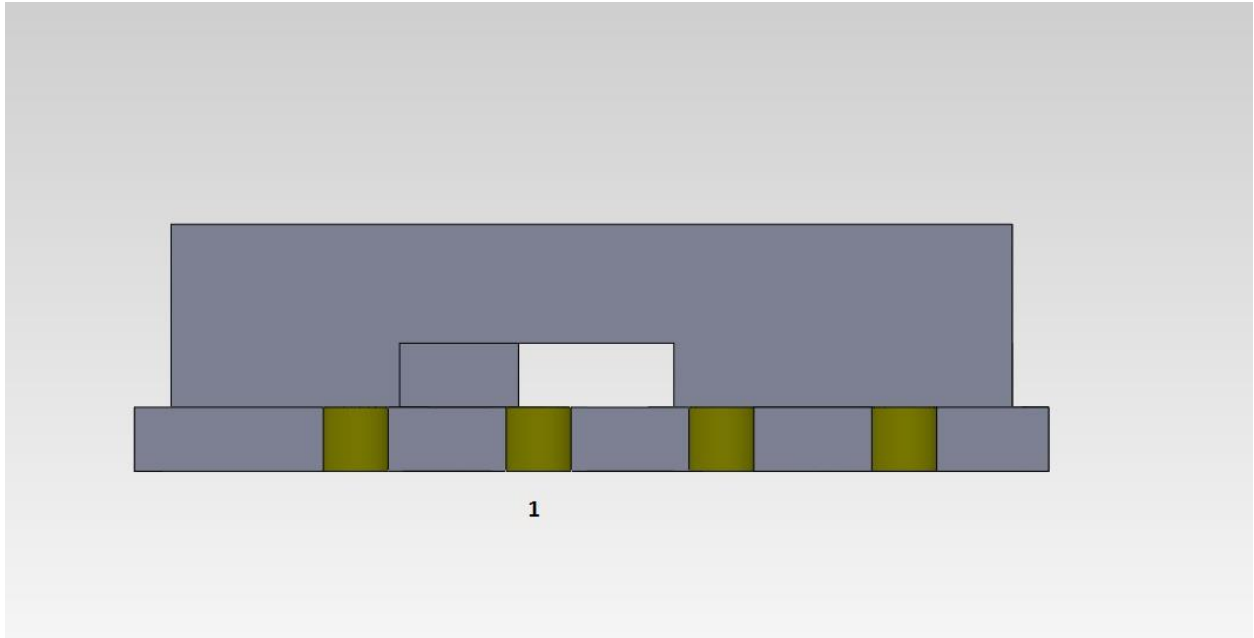
TITLE: SMUA_135		
SIZE A	DWG. NO. 1	REV
SCALE: 6:1	unit: inch	SHEET 2 OF 2



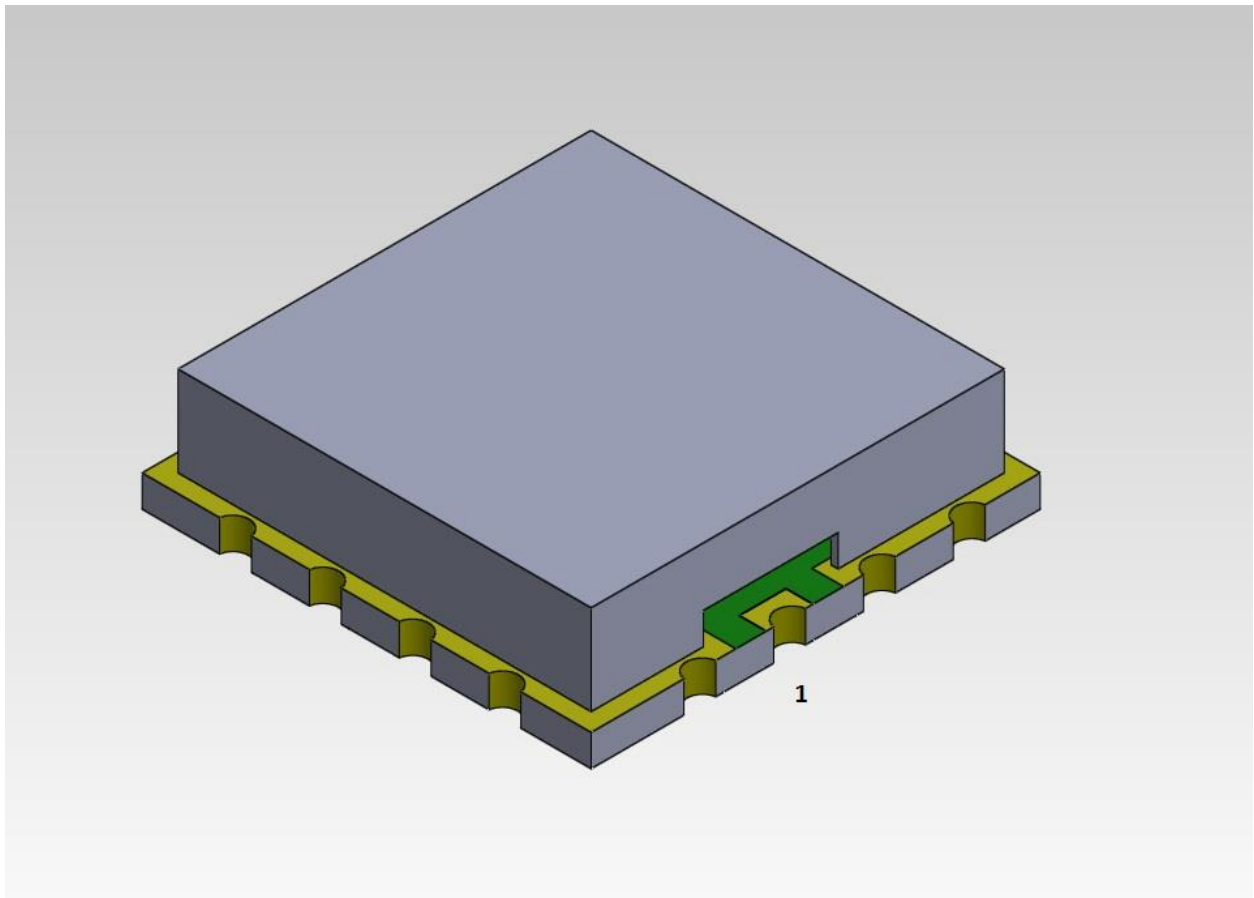
TOP VIEW



BOTTOM VIEW (INVERTED)



SIDE VIEW



ISOMETRIC VIEW