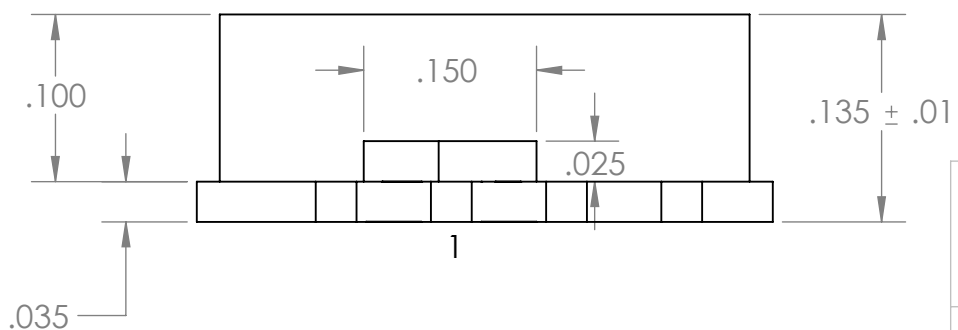
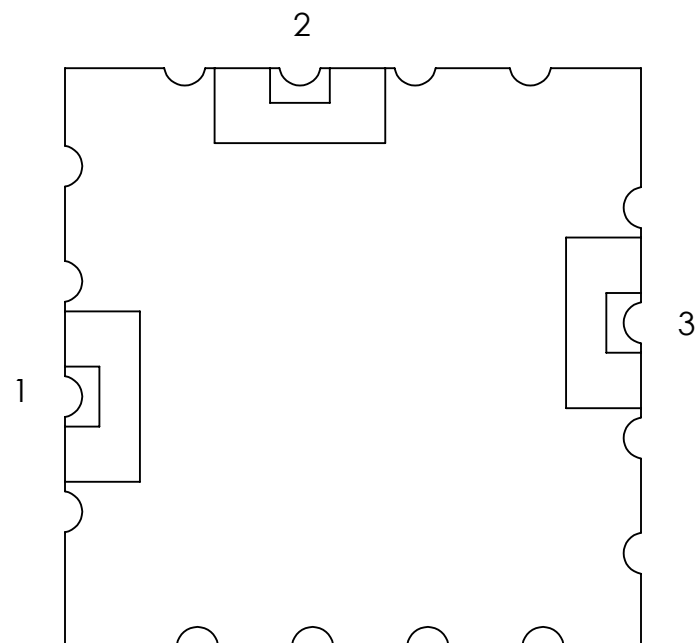
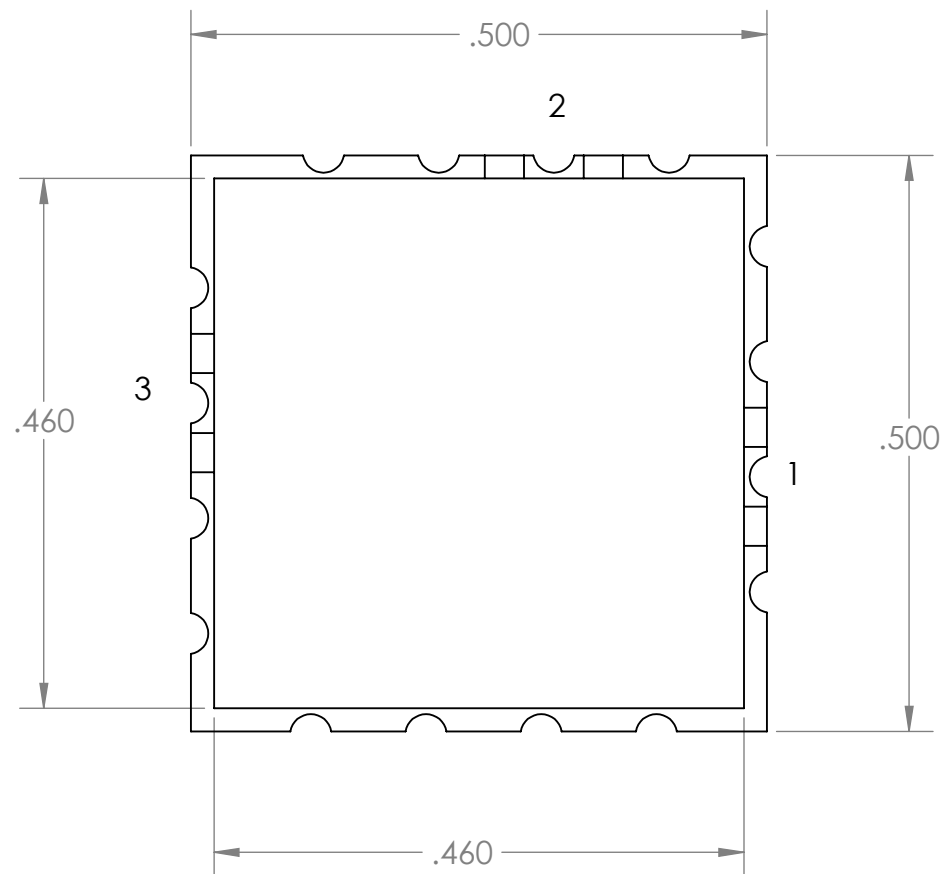




						Production	First Article
	<u>MIN</u>	<u>TYP</u>	<u>MAX</u>	<u>UNITS</u>	<u>NOTES</u>	<u>Test</u>	<u>Test</u>
Frequency Range	1375		1700	MHz	1	☐	☐
Tuning Voltage	0.5		4.5	V	1	☐	☐
Modulation Sensitivity		110		MHz/V	1	☐	☐
Operates with Vtune = 0V					1	☐	☐
Output Power	-2	0	2	dBm	1	☐	☐
Phase Noise @							
1 KHz Offset		-77	-72	dBc/Hz	1	☐	☐
10 KHz Offset		-104	-99	dBc/Hz	1	☐	☐
100 KHz Offset		-124	-119	dBc/Hz	1	☐	☐
1 MHz Offset		-144	-139	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		26		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



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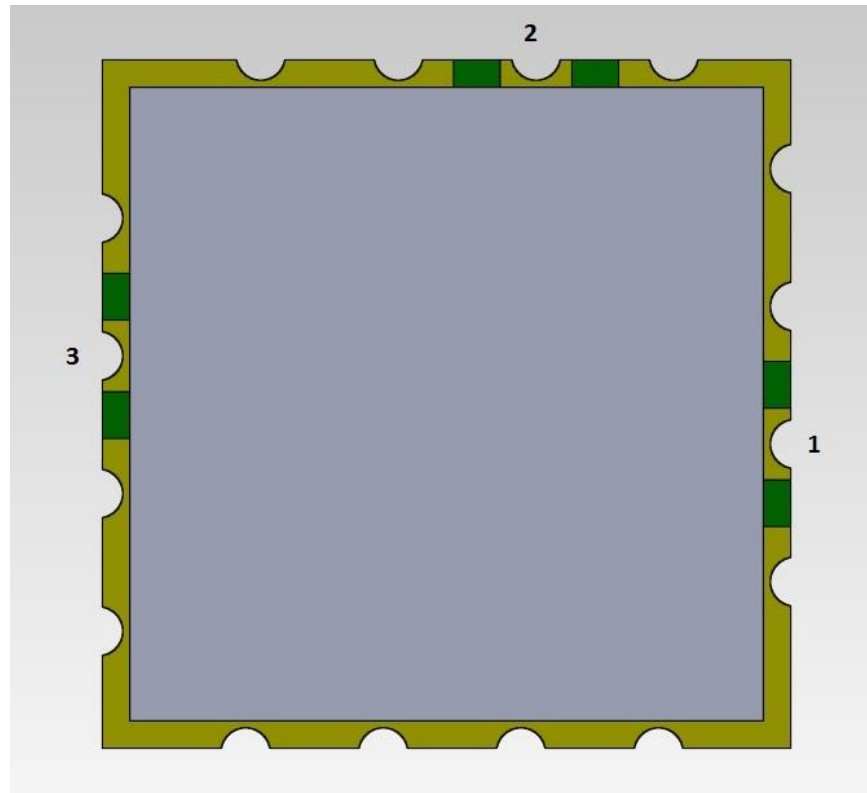
COMMENTS:
All dimensions are in inches.
Tolerances ± 0.005 unless otherwise noted

TITLE:

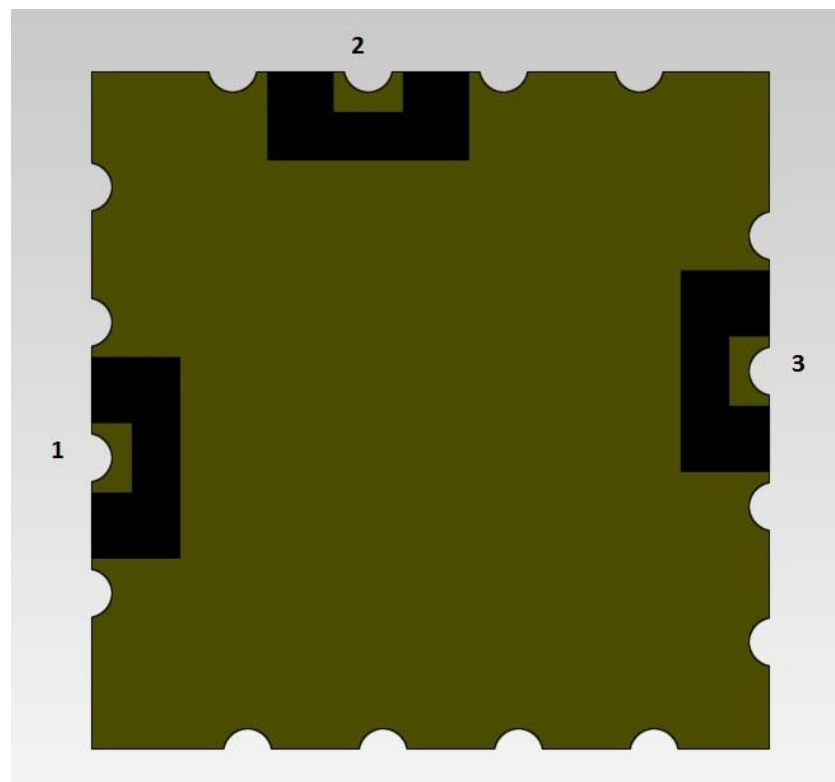
SMUA_135

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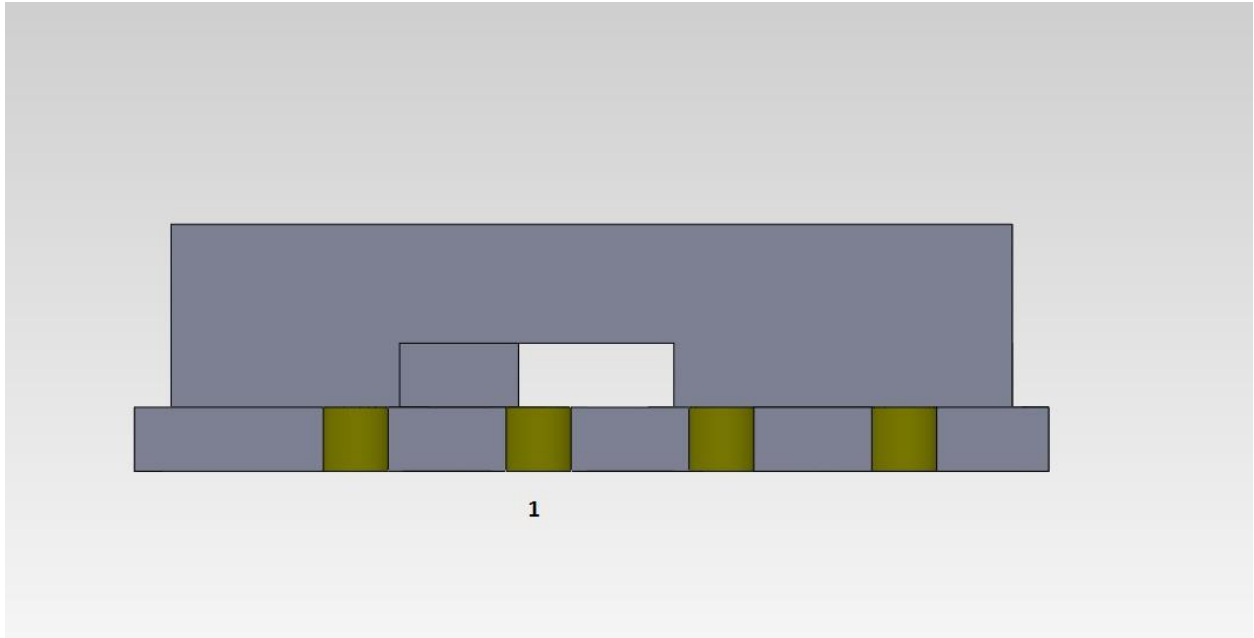
SCALE: 6:1	unit: inch	SHEET 1 OF 2
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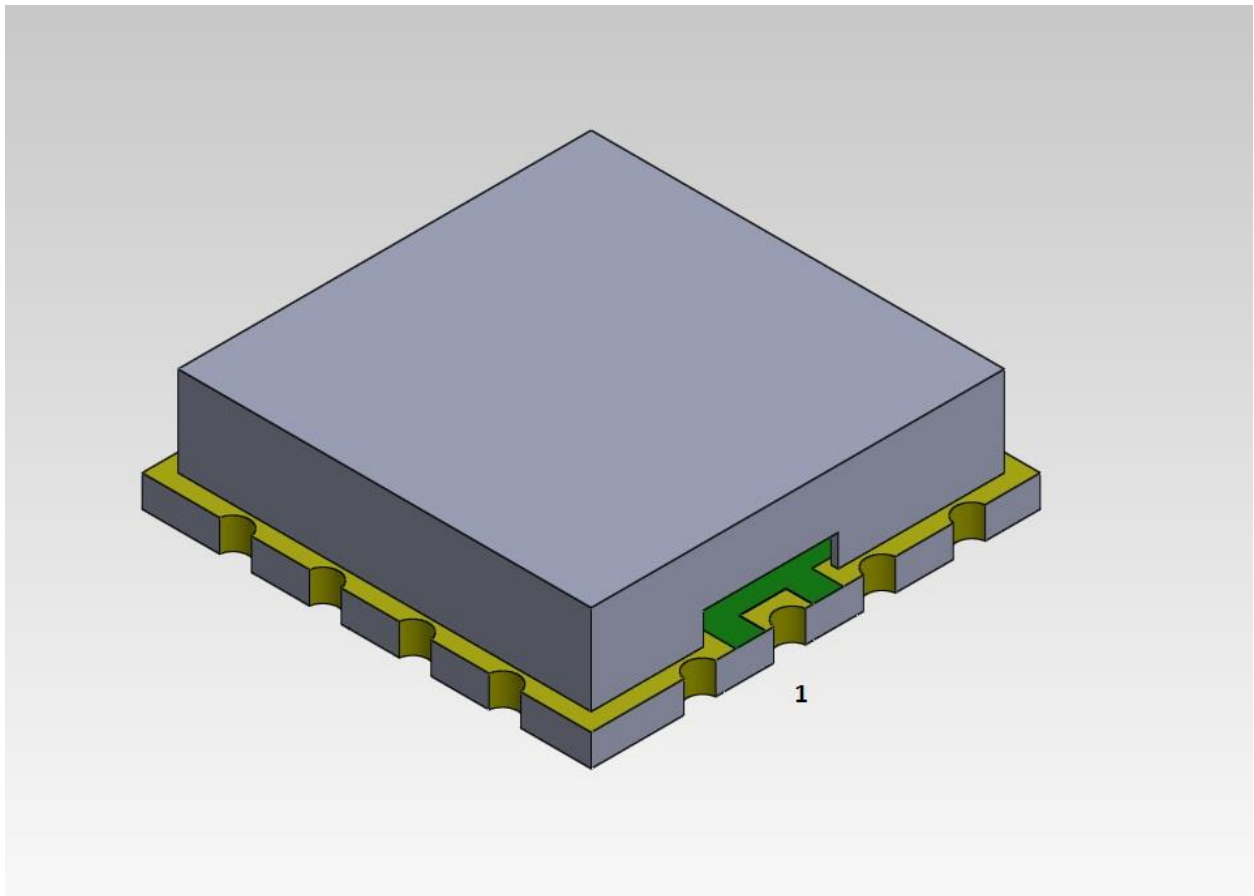
TOP VIEW



BOTTOM VIEW (INVERTED)



SIDE VIEW



ISOMETRIC VIEW